Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080122\
Data File : VD073915.D
Acq On : 01 Aug 2022 15:13
Operator : VA/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD080122

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022

Quant Time: Aug 02 05:32:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 02 05:13:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.967	168	193610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	321493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	292447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	151398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	80460	50.564	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.120%			
35) Dibromofluoromethane	7.903	113	92051	46.083	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.160%			
50) Toluene-d8	10.332	98	297179	44.167	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 88.340%			
62) 4-Bromofluorobenzene	12.620	95	119567	48.323	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	85459	50.474	ug/l	100
3) Chloromethane	2.209	50	125665	51.082	ug/l	99
4) Vinyl Chloride	2.344	62	161840	53.346	ug/l	96
5) Bromomethane	2.762	94	112846	52.672	ug/l	100
6) Chloroethane	2.915	64	112822	52.876	ug/l	100
7) Trichlorofluoromethane	3.268	101	166766	51.277	ug/l	98
8) Diethyl Ether	3.709	74	42867	52.370	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.085	101	94050	48.784	ug/l	97
10) Methyl Iodide	4.291	142	112163	53.206	ug/l	100
11) Tert butyl alcohol	5.232	59	28880	256.446	ug/l #	93
12) 1,1-Dichloroethene	4.067	96	88286	51.684	ug/l	97
13) Acrolein	3.920	56	33418	277.675	ug/l	95
14) Allyl chloride	4.709	41	119640	51.801	ug/l	99
15) Acrylonitrile	5.414	53	87876	250.772	ug/l	98
16) Acetone	4.156	43	89760	246.825	ug/l	92
17) Carbon Disulfide	4.403	76	277848	52.717	ug/l	99
18) Methyl Acetate	4.714	43	41558	49.370	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	215554	52.121	ug/l	95
20) Methylene Chloride	4.956	84	129154	55.482	ug/l	95
21) trans-1,2-Dichloroethene	5.467	96	104196	51.183	ug/l	92
22) Diisopropyl ether	6.361	45	264484	52.743	ug/l	94
23) Vinyl Acetate	6.297	43	739238	278.933	ug/l	99
24) 1,1-Dichloroethane	6.256	63	171764	50.638	ug/l	100
25) 2-Butanone	7.208	43	118844	251.507	ug/l	93
26) 2,2-Dichloropropane	7.203	77	169974	49.559	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	115382	50.344	ug/l	97
28) Bromochloromethane	7.538	49	58244	51.455	ug/l	98
29) Tetrahydrofuran	7.556	42	70294	254.599	ug/l	99
30) Chloroform	7.703	83	192174	49.721	ug/l	91
31) Cyclohexane	7.979	56	147515	49.203	ug/l	98
32) 1,1,1-Trichloroethane	7.897	97	185190	50.321	ug/l	98
36) 1,1-Dichloropropene	8.103	75	146498	51.494	ug/l	98
37) Ethyl Acetate	7.285	43	52195	49.262	ug/l	99
38) Carbon Tetrachloride	8.091	117	162672	51.043	ug/l	97
39) Methylcyclohexane	9.344	83	174224	52.246	ug/l	97
40) Benzene	8.344	78	398698	51.072	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080122\
Data File : VD073915.D
Acq On : 01 Aug 2022 15:13
Operator : VA/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 02 05:32:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 02 05:13:57 2022
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
ICVVD080122

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.514	41	30177	49.338	ug/l		97
42) 1,2-Dichloroethane	8.414	62	119091	49.703	ug/l		99
43) Isopropyl Acetate	8.444	43	107587	51.278	ug/l		99
44) Trichloroethene	9.108	130	116990	49.745	ug/l		95
45) 1,2-Dichloropropane	9.379	63	93196	49.613	ug/l		100
46) Dibromomethane	9.467	93	60008	49.668	ug/l		100
47) Bromodichloromethane	9.650	83	148954	49.771	ug/l		98
48) Methyl methacrylate	9.450	41	51718	52.821	ug/l		98
49) 1,4-Dioxane	9.461	88	12934	1015.752	ug/l		93
51) 4-Methyl-2-Pentanone	10.214	43	263201	251.264	ug/l		99
52) Toluene	10.391	92	272302	51.261	ug/l		100
53) t-1,3-Dichloropropene	10.608	75	141065	51.204	ug/l		96
54) cis-1,3-Dichloropropene	10.079	75	159866	51.256	ug/l		97
55) 1,1,2-Trichloroethane	10.791	97	77514	49.882	ug/l		94
56) Ethyl methacrylate	10.649	69	89136	50.380	ug/l		98
57) 1,3-Dichloropropane	10.932	76	128139	50.950	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.932	63	185142	273.441	ug/l		100
59) 2-Hexanone	10.973	43	185640	261.894	ug/l		100
60) Dibromochloromethane	11.126	129	106270	50.686	ug/l		98
61) 1,2-Dibromoethane	11.238	107	79626	50.554	ug/l		100
64) Tetrachloroethene	10.867	164	98752	47.449	ug/l		98
65) Chlorobenzene	11.661	112	292981	50.535	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.732	131	109817	49.450	ug/l		97
67) Ethyl Benzene	11.732	91	522031	50.981	ug/l		98
68) m/p-Xylenes	11.844	106	429279	105.752	ug/l		99
69) o-Xylene	12.167	106	198602	52.237	ug/l		99
70) Styrene	12.179	104	342082	53.271	ug/l		100
71) Bromoform	12.349	173	61643	50.539	ug/l	#	97
73) Isopropylbenzene	12.467	105	524815	50.273	ug/l		99
74) N-amyl acetate	12.273	43	105099	50.276	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.714	83	85249	47.938	ug/l		98
76) 1,2,3-Trichloropropane	12.767	75	66770m	59.067	ug/l		
77) Bromobenzene	12.743	156	124956	50.849	ug/l		99
78) n-propylbenzene	12.802	91	637079	50.183	ug/l		99
79) 2-Chlorotoluene	12.891	91	364654	50.213	ug/l		97
80) 1,3,5-Trimethylbenzene	12.943	105	454063	51.198	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.514	75	27164	51.475	ug/l		92
82) 4-Chlorotoluene	12.991	91	381479	50.112	ug/l		99
83) tert-Butylbenzene	13.208	119	394737	51.118	ug/l		99
84) 1,2,4-Trimethylbenzene	13.249	105	445766	50.878	ug/l		100
85) sec-Butylbenzene	13.385	105	585228	50.086	ug/l		100
86) p-Isopropyltoluene	13.496	119	502897	51.239	ug/l		100
87) 1,3-Dichlorobenzene	13.502	146	253348	49.369	ug/l		99
88) 1,4-Dichlorobenzene	13.579	146	255882	50.338	ug/l		99
89) n-Butylbenzene	13.826	91	464180	51.291	ug/l		100
90) Hexachloroethane	14.090	117	93136	51.783	ug/l		99
91) 1,2-Dichlorobenzene	13.873	146	219685	50.070	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	15220	50.247	ug/l		98
93) 1,2,4-Trichlorobenzene	15.137	180	133035	48.760	ug/l		98
94) Hexachlorobutadiene	15.243	225	70413	47.502	ug/l		98
95) Naphthalene	15.379	128	248547	49.876	ug/l		99
96) 1,2,3-Trichlorobenzene	15.567	180	115754	49.082	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080122\
Data File : VD073915.D
Acq On : 01 Aug 2022 15:13
Operator : VA/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD080122

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022

Quant Time: Aug 02 05:32:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 02 05:13:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080122\
Data File : VD073915.D
Acq On : 01 Aug 2022 15:13
Operator : VA/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 02 05:32:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 02 05:13:57 2022
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
ICVVD080122

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022