Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
Data File : VD068827.D
Acq On : 12 Apr 2021 12:40
Operator : VA/SY
Sample : VD0412SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBSD01

Manual Integrations APPROVED
MMDadoda
4/13/2021 4:10:28 PM

Quant Time: Apr 13 01:08:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	222513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	365213	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	327809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	160304	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	108065	45.95	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 91.90%			
35) Dibromofluoromethane	7.920	113	119947	50.49	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.98%			
50) Toluene-d8	10.338	98	455887	50.87	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.74%			
62) 4-Bromofluorobenzene	12.632	95	149021	50.07	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.14%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	43724	19.83	ug/l	100
3) Chloromethane	2.209	50	46893	18.09	ug/l	98
4) Vinyl Chloride	2.350	62	59556	18.29	ug/l	100
5) Bromomethane	2.762	94	47674	19.59	ug/l	95
6) Chloroethane	2.920	64	39087	18.27	ug/l	100
7) Trichlorofluoromethane	3.273	101	77878	20.33	ug/l	99
8) Diethyl Ether	3.715	74	18579	17.95	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.097	101	48178	20.83	ug/l	99
10) Methyl Iodide	4.303	142	43687	17.67	ug/l	99
11) Tert butyl alcohol	5.220	59	10204m	58.91	ug/l	
12) 1,1-Dichloroethene	4.073	96	42821	19.22	ug/l	97
13) Acrolein	3.926	56	6721	72.61	ug/l	87
14) Allyl chloride	4.720	41	44442	17.70	ug/l	93
15) Acrylonitrile	5.426	53	41209	88.74	ug/l	99
16) Acetone	4.156	43	28333	87.00	ug/l	96
17) Carbon Disulfide	4.409	76	133396	18.50	ug/l	99
18) Methyl Acetate	4.714	43	14535	16.25	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	90324	18.28	ug/l	94
20) Methylene Chloride	4.967	84	49343	15.37	ug/l	92
21) trans-1,2-Dichloroethene	5.473	96	54620	19.10	ug/l	99
22) Diisopropyl ether	6.361	45	108794	17.89	ug/l	96
23) Vinyl Acetate	6.309	43	279882	86.83	ug/l	95
24) 1,1-Dichloroethane	6.267	63	84449	18.42	ug/l	100
25) 2-Butanone	7.214	43	40995	88.96	ug/l	99
26) 2,2-Dichloropropane	7.208	77	81451	21.75	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	60001	21.11	ug/l	97
28) Bromochloromethane	7.544	49	27883	16.85	ug/l	94
29) Tetrahydrofuran	7.567	42	25318	81.70	ug/l	91
30) Chloroform	7.714	83	95854	19.10	ug/l	100
31) Cyclohexane	7.985	56	73329	18.74	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	86922	19.82	ug/l	98
36) 1,1-Dichloropropene	8.114	75	76222	20.62	ug/l	99
37) Ethyl Acetate	7.297	43	19859	18.29	ug/l #	93
38) Carbon Tetrachloride	8.097	117	76482	20.90	ug/l	98
39) Methylcyclohexane	9.355	83	89313	20.72	ug/l	97
40) Benzene	8.355	78	213201	19.71	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
Data File : VD068827.D
Acq On : 12 Apr 2021 12:40
Operator : VA/SY
Sample : VD0412SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBSD01

Manual Integrations APPROVED
MMDadoda
4/13/2021 4:10:28 PM

Quant Time: Apr 13 01:08:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.544	41	11270m	17.53	ug/l		
42) 1,2-Dichloroethane	8.426	62	53673	18.77	ug/l		100
43) Isopropyl Acetate	8.450	43	38357	17.33	ug/l		96
44) Trichloroethene	9.114	130	62511	20.92	ug/l		87
45) 1,2-Dichloropropane	9.385	63	50390	19.50	ug/l		90
46) Dibromomethane	9.473	93	28122	19.54	ug/l		93
47) Bromodichloromethane	9.661	83	75522	20.08	ug/l		92
48) Methyl methacrylate	9.455	41	20069	18.40	ug/l		96
49) 1,4-Dioxane	9.467	88	5993	393.27	ug/l		92
51) 4-Methyl-2-Pentanone	10.226	43	100614	90.18	ug/l		97
52) Toluene	10.402	92	140559	20.52	ug/l		99
53) t-1,3-Dichloropropene	10.620	75	66089	19.83	ug/l		95
54) cis-1,3-Dichloropropene	10.091	75	79072	19.83	ug/l		98
55) 1,1,2-Trichloroethane	10.802	97	39650	19.48	ug/l		96
56) Ethyl methacrylate	10.661	69	38372	18.32	ug/l		98
57) 1,3-Dichloropropane	10.944	76	64890	19.36	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.944	63	85593	88.52	ug/l		99
59) 2-Hexanone	10.985	43	66222	88.71	ug/l		100
60) Dibromochloromethane	11.138	129	49797	19.51	ug/l		95
61) 1,2-Dibromoethane	11.244	107	37878	19.15	ug/l		99
64) Tetrachloroethene	10.873	164	52296	22.76	ug/l		97
65) Chlorobenzene	11.673	112	151035	21.28	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.738	131	55142	21.61	ug/l		99
67) Ethyl Benzene	11.744	91	259026	21.08	ug/l		100
68) m/p-Xylenes	11.849	106	204922	43.22	ug/l		98
69) o-Xylene	12.179	106	91573	21.24	ug/l		97
70) Styrene	12.191	104	159157	21.18	ug/l		99
71) Bromoform	12.361	173	27647	20.23	ug/l	#	96
73) Isopropylbenzene	12.479	105	251769	21.51	ug/l		99
74) N-amyl acetate	12.285	43	36608	18.44	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.726	83	41657	19.04	ug/l		99
76) 1,2,3-Trichloropropane	12.779	75	27483m	18.77	ug/l		
77) Bromobenzene	12.761	156	60595	21.53	ug/l		95
78) n-propylbenzene	12.820	91	300135	21.11	ug/l		98
79) 2-Chlorotoluene	12.902	91	165401	20.83	ug/l		95
80) 1,3,5-Trimethylbenzene	12.955	105	213143	21.78	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.526	75	12473	19.77	ug/l		100
82) 4-Chlorotoluene	13.002	91	178265	21.18	ug/l		97
83) tert-Butylbenzene	13.220	119	175605	21.15	ug/l		98
84) 1,2,4-Trimethylbenzene	13.267	105	209297	21.18	ug/l		99
85) sec-Butylbenzene	13.396	105	254953	21.76	ug/l		99
86) p-Isopropyltoluene	13.514	119	228841	21.38	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	117538	21.08	ug/l		99
88) 1,4-Dichlorobenzene	13.590	146	114601	20.77	ug/l		98
89) n-Butylbenzene	13.838	91	210179	20.85	ug/l		99
90) Hexachloroethane	14.108	117	44692	20.97	ug/l		94
91) 1,2-Dichlorobenzene	13.885	146	99121	20.55	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.496	75	5927	17.82	ug/l		99
93) 1,2,4-Trichlorobenzene	15.155	180	64264	21.53	ug/l		99
94) Hexachlorobutadiene	15.261	225	38997	22.82	ug/l		99
95) Naphthalene	15.396	128	102894	19.79	ug/l		99
96) 1,2,3-Trichlorobenzene	15.585	180	54032	20.70	ug/l		96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
Data File : VD068827.D
Acq On : 12 Apr 2021 12:40
Operator : VA/SY
Sample : VD0412SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBSD01

Manual Integrations APPROVED
MMDadoda
4/13/2021 4:10:28 PM

Quant Time: Apr 13 01:08:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
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\VD041221\
Data File : VD068827.D
Acq On : 12 Apr 2021 12:40
Operator : VA/SY
Sample : VD0412SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 13 01:08:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBSD01

Manual Integrations APPROVED
MMDadoda
4/13/2021 4:10:28 PM