

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080522\
 Data File : VD073971.D
 Acq On : 05 Aug 2022 19:03
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD080522

Quant Time: Aug 06 00:46:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 06 00:36:42 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	162442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	263347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	249511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	129493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	64711	51.947	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.900%			
35) Dibromofluoromethane	7.908	113	75176	46.335	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.680%			
50) Toluene-d8	10.326	98	209590	46.652	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 93.300%			
62) 4-Bromofluorobenzene	12.620	95	102535	47.421	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	79267	53.107	ug/l	88
3) Chloromethane	2.209	50	111501	46.843	ug/l	96
4) Vinyl Chloride	2.344	62	153323	47.836	ug/l	99
5) Bromomethane	2.762	94	96981	43.599	ug/l	95
6) Chloroethane	2.915	64	101896	45.485	ug/l	98
7) Trichlorofluoromethane	3.262	101	143060	46.224	ug/l	99
8) Diethyl Ether	3.709	74	36638	50.842	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.085	101	82355	47.391	ug/l	98
10) Methyl Iodide	4.291	142	81096	47.404	ug/l	98
11) Tert butyl alcohol	5.226	59	30301	277.303	ug/l #	86
12) 1,1-Dichloroethene	4.061	96	75541	49.165	ug/l	93
13) Acrolein	3.920	56	30171	277.632	ug/l	100
14) Allyl chloride	4.709	41	97654	47.884	ug/l	98
15) Acrylonitrile	5.409	53	78348	254.403	ug/l	97
16) Acetone	4.156	43	64204	273.521	ug/l	97
17) Carbon Disulfide	4.397	76	233636	48.471	ug/l	98
18) Methyl Acetate	4.709	43	36663	51.530	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	184178	51.647	ug/l	98
20) Methylene Chloride	4.950	84	101406	52.457	ug/l	97
21) trans-1,2-Dichloroethene	5.467	96	90844	48.927	ug/l	99
22) Diisopropyl ether	6.361	45	216687	49.320	ug/l	98
23) Vinyl Acetate	6.297	43	634973	269.240	ug/l	98
24) 1,1-Dichloroethane	6.250	63	144489	47.758	ug/l	98
25) 2-Butanone	7.203	43	103411	248.644	ug/l	98
26) 2,2-Dichloropropane	7.203	77	141511	47.112	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	97911	48.731	ug/l	98
28) Bromochloromethane	7.538	49	49442	51.104	ug/l	98
29) Tetrahydrofuran	7.561	42	64613	263.021	ug/l	97
30) Chloroform	7.702	83	164614	48.157	ug/l	100
31) Cyclohexane	7.979	56	124411	44.968	ug/l	95
32) 1,1,1-Trichloroethane	7.897	97	157229	48.331	ug/l	98
36) 1,1-Dichloropropene	8.102	75	121372	47.384	ug/l	100
37) Ethyl Acetate	7.285	43	48026	50.420	ug/l	98
38) Carbon Tetrachloride	8.091	117	135928	47.654	ug/l	93
39) Methylcyclohexane	9.349	83	146089	49.881	ug/l	99
40) Benzene	8.344	78	335236	48.194	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080522\
 Data File : VD073971.D
 Acq On : 05 Aug 2022 19:03
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD080522

Manual Integrations
 APPROVED

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

Quant Time: Aug 06 00:46:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 06 00:36:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	26339	52.356	ug/l	98
42) 1,2-Dichloroethane	8.414	62	103393	48.995	ug/l	99
43) Isopropyl Acetate	8.444	43	92704	49.807	ug/l	99
44) Trichloroethene	9.102	130	97352	48.620	ug/l	92
45) 1,2-Dichloropropane	9.373	63	78456	48.121	ug/l	95
46) Dibromomethane	9.461	93	53766	50.054	ug/l	99
47) Bromodichloromethane	9.649	83	128592	49.150	ug/l	99
48) Methyl methacrylate	9.449	41	42368	49.778	ug/l	98
49) 1,4-Dioxane	9.455	88	12227	1072.121	ug/l	89
51) 4-Methyl-2-Pentanone	10.220	43	243557	263.006	ug/l	99
52) Toluene	10.391	92	224179	48.727	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	119470	50.735	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	134466	50.071	ug/l	96
55) 1,1,2-Trichloroethane	10.791	97	67136	49.334	ug/l	96
56) Ethyl methacrylate	10.649	69	79249	53.614	ug/l	99
57) 1,3-Dichloropropane	10.932	76	110922	50.223	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	163915	262.271	ug/l	99
59) 2-Hexanone	10.973	43	165519	269.845	ug/l	98
60) Dibromochloromethane	11.126	129	91109	49.971	ug/l	99
61) 1,2-Dibromoethane	11.232	107	70887	52.091	ug/l	97
64) Tetrachloroethene	10.867	164	81135	46.353	ug/l	99
65) Chlorobenzene	11.655	112	242511	48.115	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	94972	49.272	ug/l	98
67) Ethyl Benzene	11.732	91	434496	49.665	ug/l	99
68) m/p-Xylenes	11.843	106	356903	100.646	ug/l	98
69) o-Xylene	12.167	106	164818	50.611	ug/l	99
70) Styrene	12.179	104	284706	51.170	ug/l	99
71) Bromoform	12.343	173	53324	48.412	ug/l #	97
73) Isopropylbenzene	12.467	105	435092	49.114	ug/l	100
74) N-amyl acetate	12.273	43	91584	52.111	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	77581	48.301	ug/l	99
76) 1,2,3-Trichloropropane	12.761	75	47926m	40.164	ug/l	
77) Bromobenzene	12.743	156	101154	48.473	ug/l	96
78) n-propylbenzene	12.808	91	528554	48.478	ug/l	99
79) 2-Chlorotoluene	12.890	91	294300	47.986	ug/l	100
80) 1,3,5-Trimethylbenzene	12.943	105	376182	49.933	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	23642	49.742	ug/l	98
82) 4-Chlorotoluene	12.990	91	317471	48.584	ug/l	99
83) tert-Butylbenzene	13.208	119	321096	49.681	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	373838	49.584	ug/l	98
85) sec-Butylbenzene	13.385	105	484961	49.068	ug/l	99
86) p-Isopropyltoluene	13.496	119	411106	49.048	ug/l	99
87) 1,3-Dichlorobenzene	13.496	146	215343	49.289	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	212227	48.374	ug/l	97
89) n-Butylbenzene	13.826	91	383569	49.846	ug/l	100
90) Hexachloroethane	14.090	117	77734	47.771	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	179796	47.755	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.479	75	13053	49.581	ug/l	98
93) 1,2,4-Trichlorobenzene	15.137	180	109167	48.655	ug/l	98
94) Hexachlorobutadiene	15.243	225	59451	48.049	ug/l	98
95) Naphthalene	15.379	128	215268	52.397	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	98336	48.593	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080522\
Data File : VD073971.D
Acq On : 05 Aug 2022 19:03
Operator : VA/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD080522

Manual Integrations
APPROVED

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

Quant Time: Aug 06 00:46:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080522S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 06 00:36:42 2022
Response via : Initial Calibration

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

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

