

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080822\
 Data File : VD073985.D
 Acq On : 08 Aug 2022 21:22
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/09/2022
 Supervised By :Semsettin Yesilyurt 08/11/2022

Quant Time: Aug 08 23:28:07 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)

Internal Standards						
1) Pentafluorobenzene	7.967	168	120797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	194306	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	189969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	104287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	55820	61.615	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.240%			
35) Dibromofluoromethane	7.903	113	66734	55.747	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.500%			
50) Toluene-d8	10.332	98	176082	53.780	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.560%			
62) 4-Bromofluorobenzene	12.620	95	91180	57.153	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	52926	47.271	ug/l	92
3) Chloromethane	2.209	50	85984	48.576	ug/l	92
4) Vinyl Chloride	2.344	62	112079	47.023	ug/l	98
5) Bromomethane	2.762	94	57675	34.867	ug/l	94
6) Chloroethane	2.915	64	79767	47.882	ug/l	100
7) Trichlorofluoromethane	3.262	101	118249	51.379	ug/l	94
8) Diethyl Ether	3.703	74	29048	54.207	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.085	101	63888	49.439	ug/l	99
10) Methyl Iodide	4.291	142	52737	41.455	ug/l	97
11) Tert butyl alcohol	5.232	59	22819	281.106	ug/l #	95
12) 1,1-Dichloroethene	4.056	96	55765	48.806	ug/l	94
13) Acrolein	3.915	56	22711	280.646	ug/l	96
14) Allyl chloride	4.703	41	74759	49.295	ug/l	99
15) Acrylonitrile	5.415	53	66645	291.007	ug/l	96
16) Acetone	4.162	43	51198	295.523	ug/l	97
17) Carbon Disulfide	4.403	76	138628	38.676	ug/l	98
18) Methyl Acetate	4.709	43	32264	61.681	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	155738	58.728	ug/l	99
20) Methylene Chloride	4.956	84	88724	64.086	ug/l	97
21) trans-1,2-Dichloroethene	5.456	96	66470	48.141	ug/l	99
22) Diisopropyl ether	6.356	45	184572	56.494	ug/l	97
23) Vinyl Acetate	6.297	43	518424m	295.605	ug/l	
24) 1,1-Dichloroethane	6.250	63	118282	52.575	ug/l	98
25) 2-Butanone	7.203	43	87700	283.565	ug/l	96
26) 2,2-Dichloropropane	7.197	77	102458	45.870	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	78445	52.503	ug/l	96
28) Bromochloromethane	7.538	49	42192	58.645	ug/l	97
29) Tetrahydrofuran	7.556	42	57017	312.116	ug/l	99
30) Chloroform	7.703	83	138953	54.664	ug/l	96
31) Cyclohexane	7.979	56	85855	41.730	ug/l	99
32) 1,1,1-Trichloroethane	7.897	97	126852	52.436	ug/l	99
36) 1,1-Dichloropropene	8.103	75	92687	49.043	ug/l	99
37) Ethyl Acetate	7.291	43	44571	63.419	ug/l	97
38) Carbon Tetrachloride	8.085	117	111711	53.079	ug/l	96
39) Methylcyclohexane	9.350	83	99749	46.160	ug/l	95
40) Benzene	8.344	78	263814	51.402	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	17605m	47.430	ug/l	
42) 1,2-Dichloroethane	8.414	62	86563	55.595	ug/l	96
43) Isopropyl Acetate	8.444	43	81923	59.654	ug/l	97
44) Trichloroethene	9.103	130	76628	51.868	ug/l	100
45) 1,2-Dichloropropane	9.379	63	66626	55.385	ug/l	100
46) Dibromomethane	9.467	93	44434	56.064	ug/l	98
47) Bromodichloromethane	9.650	83	113374	58.731	ug/l	96
48) Methyl methacrylate	9.444	41	35134	55.946	ug/l	98
49) 1,4-Dioxane	9.455	88	10396	1235.470	ug/l	88
51) 4-Methyl-2-Pentanone	10.220	43	218332	319.540	ug/l	100
52) Toluene	10.391	92	180637	53.214	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	97854	56.321	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	109463	55.244	ug/l	99
55) 1,1,2-Trichloroethane	10.785	97	58116	57.880	ug/l	96
56) Ethyl methacrylate	10.650	69	68726	63.016	ug/l	98
57) 1,3-Dichloropropane	10.932	76	95848	58.818	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	140217	301.353	ug/l	99
59) 2-Hexanone	10.973	43	147527	325.972	ug/l	99
60) Dibromochloromethane	11.132	129	79133	58.825	ug/l	100
61) 1,2-Dibromoethane	11.232	107	58093	57.857	ug/l	100
64) Tetrachloroethene	10.867	164	65129	48.871	ug/l	94
65) Chlorobenzene	11.661	112	201639	52.545	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	81434	55.491	ug/l	98
67) Ethyl Benzene	11.732	91	346538	52.027	ug/l	97
68) m/p-Xylenes	11.844	106	289852	107.357	ug/l	98
69) o-Xylene	12.167	106	132467	53.426	ug/l	99
70) Styrene	12.185	104	240713	56.823	ug/l	99
71) Bromoform	12.349	173	46840	55.854	ug/l #	95
73) Isopropylbenzene	12.467	105	352932	49.469	ug/l	100
74) N-amyl acetate	12.273	43	80566	56.921	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	70547	54.537	ug/l	93
76) 1,2,3-Trichloropropane	12.767	75	45843m	47.704	ug/l	
77) Bromobenzene	12.749	156	87412	52.012	ug/l	98
78) n-propylbenzene	12.808	91	438015	49.884	ug/l	100
79) 2-Chlorotoluene	12.891	91	249050	50.423	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	314087	51.768	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	19766	51.639	ug/l	99
82) 4-Chlorotoluene	12.991	91	264129	50.190	ug/l	97
83) tert-Butylbenzene	13.208	119	270553	51.978	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	313569	51.642	ug/l	98
85) sec-Butylbenzene	13.385	105	401918	50.494	ug/l	100
86) p-Isopropyltoluene	13.496	119	345968	51.253	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	186094	52.889	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	181659	51.415	ug/l	99
89) n-Butylbenzene	13.826	91	320809	51.767	ug/l	99
90) Hexachloroethane	14.091	117	67118	51.216	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	160652	52.984	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	12066	56.909	ug/l	91
93) 1,2,4-Trichlorobenzene	15.143	180	91478	50.625	ug/l	98
94) Hexachlorobutadiene	15.243	225	50207	50.386	ug/l	98
95) Naphthalene	15.379	128	187601	56.699	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	84694	51.968	ug/l	97

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

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