

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081622\
 Data File : VD074102.D
 Acq On : 16 Aug 2022 14:52
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/17/2022
 Supervised By :Mahesh Dadoda 08/17/2022

Quant Time: Aug 16 17:41:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 01:41:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	147564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	231892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	221085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	119567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	54404	49.432	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.860%		
35) Dibromofluoromethane	7.903	113	68134	45.980	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.960%		
50) Toluene-d8	10.332	98	185365	41.200	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	82.400%		
62) 4-Bromofluorobenzene	12.620	95	92970	50.041	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.080%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	51476	49.148	ug/l	100
3) Chloromethane	2.209	50	66301	50.798	ug/l	98
4) Vinyl Chloride	2.350	62	93122	42.693	ug/l	99
5) Bromomethane	2.768	94	70038	40.240	ug/l	98
6) Chloroethane	2.915	64	80928	52.426	ug/l	100
7) Trichlorofluoromethane	3.268	101	197163	90.742	ug/l	99
8) Diethyl Ether	3.703	74	28012	43.279	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.085	101	72283	53.720	ug/l	97
10) Methyl Iodide	4.291	142	65581	45.406	ug/l	99
11) Tert butyl alcohol	5.215	59	20854	258.424	ug/l	99
12) 1,1-Dichloroethene	4.062	96	56559	49.104	ug/l	85
13) Acrolein	3.915	56	15549	222.080	ug/l	97
14) Allyl chloride	4.709	41	78861	45.981	ug/l #	89
15) Acrylonitrile	5.409	53	67436	260.848	ug/l	97
16) Acetone	4.156	43	66660	255.523	ug/l #	89
17) Carbon Disulfide	4.403	76	120354	42.172	ug/l	97
18) Methyl Acetate	4.715	43	31790	54.021	ug/l #	86
19) Methyl tert-butyl Ether	5.473	73	156995	52.690	ug/l	97
20) Methylene Chloride	4.956	84	81126	54.142	ug/l #	79
21) trans-1,2-Dichloroethene	5.468	96	66198	44.771	ug/l	88
22) Diisopropyl ether	6.362	45	196424	52.906	ug/l #	93
23) Vinyl Acetate	6.303	43	509587	267.865	ug/l #	94
24) 1,1-Dichloroethane	6.256	63	126980	49.474	ug/l	96
25) 2-Butanone	7.209	43	95082	252.091	ug/l #	81
26) 2,2-Dichloropropane	7.197	77	129388	48.625	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	83711	48.033	ug/l	88
28) Bromochloromethane	7.538	49	43885	45.814	ug/l #	64
29) Tetrahydrofuran	7.556	42	53843	261.224	ug/l #	83
30) Chloroform	7.703	83	150870	50.286	ug/l	99
31) Cyclohexane	7.979	56	87040	46.869	ug/l #	82
32) 1,1,1-Trichloroethane	7.897	97	140848	49.789	ug/l	94
36) 1,1-Dichloropropene	8.103	75	96741	47.871	ug/l	95
37) Ethyl Acetate	7.285	43	40316	50.306	ug/l #	93
38) Carbon Tetrachloride	8.091	117	118481	50.801	ug/l	99
39) Methylcyclohexane	9.350	83	102939	46.201	ug/l	93
40) Benzene	8.344	78	284470	49.814	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.509	41	17835	44.039	ug/l #	63
42) 1,2-Dichloroethane	8.414	62	86154	49.941	ug/l	95
43) Isopropyl Acetate	8.444	43	79287	53.905	ug/l #	90
44) Trichloroethene	9.103	130	80625	48.217	ug/l	93
45) 1,2-Dichloropropane	9.379	63	71036	51.352	ug/l	96
46) Dibromomethane	9.467	93	45998	52.459	ug/l	98
47) Bromodichloromethane	9.650	83	116763	51.799	ug/l	98
48) Methyl methacrylate	9.450	41	36054	53.614	ug/l #	73
49) 1,4-Dioxane	9.450	88	10165	1191.640	ug/l #	85
51) 4-Methyl-2-Pentanone	10.214	43	214353	284.654	ug/l	94
52) Toluene	10.391	92	194435	52.072	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	100434	52.274	ug/l	95
54) cis-1,3-Dichloropropene	10.079	75	114054	51.337	ug/l	89
55) 1,1,2-Trichloroethane	10.791	97	62814	53.828	ug/l	96
56) Ethyl methacrylate	10.650	69	66225	55.811	ug/l	87
57) 1,3-Dichloropropane	10.938	76	97707	52.823	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	110768	243.171	ug/l	93
59) 2-Hexanone	10.973	43	149214	289.763	ug/l	92
60) Dibromochloromethane	11.126	129	83959	53.211	ug/l	100
61) 1,2-Dibromoethane	11.232	107	59753	52.727	ug/l	100
64) Tetrachloroethene	10.861	164	67348	48.148	ug/l	91
65) Chlorobenzene	11.655	112	220355	50.949	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	88293	51.940	ug/l	99
67) Ethyl Benzene	11.732	91	389835	52.650	ug/l	99
68) m/p-Xylenes	11.838	106	311231	104.696	ug/l	98
69) o-Xylene	12.167	106	146412	54.054	ug/l	93
70) Styrene	12.179	104	261964	55.471	ug/l	95
71) Bromoform	12.350	173	50237	56.407	ug/l #	100
73) Isopropylbenzene	12.467	105	400994	53.355	ug/l	99
74) N-amyl acetate	12.273	43	77161	53.472	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.714	83	72256	52.542	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	56495m	53.025	ug/l	
77) Bromobenzene	12.750	156	92419	50.926	ug/l	86
78) n-propylbenzene	12.808	91	493466	53.018	ug/l	97
79) 2-Chlorotoluene	12.891	91	275071	52.024	ug/l	95
80) 1,3,5-Trimethylbenzene	12.944	105	345065	53.788	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	21462	56.179	ug/l	85
82) 4-Chlorotoluene	12.991	91	288972	51.585	ug/l	95
83) tert-Butylbenzene	13.208	119	296058	52.141	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	348318	52.826	ug/l	100
85) sec-Butylbenzene	13.385	105	457454	52.441	ug/l	97
86) p-Isopropyltoluene	13.502	119	389496	53.535	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	204294	51.535	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	202432	50.974	ug/l	98
89) n-Butylbenzene	13.826	91	365572	52.449	ug/l	99
90) Hexachloroethane	14.091	117	76052	49.892	ug/l	95
91) 1,2-Dichlorobenzene	13.873	146	174768	49.364	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	11596	48.817	ug/l	83
93) 1,2,4-Trichlorobenzene	15.138	180	102922	45.293	ug/l	98
94) Hexachlorobutadiene	15.243	225	58988	43.329	ug/l	98
95) Naphthalene	15.379	128	188260	49.204	ug/l	98
96) 1,2,3-Trichlorobenzene	15.567	180	94129	46.853	ug/l	98

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

