

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060622\
 Data File : VD073475.D
 Acq On : 06 Jun 2022 15:22
 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 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022

Quant Time: Jun 07 01:12:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	300394	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	475612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	463620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	248964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	154610	46.572	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.140%		
35) Dibromofluoromethane	7.902	113	161728	51.532	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.060%		
50) Toluene-d8	10.332	98	583475	50.435	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.860%		
62) 4-Bromofluorobenzene	12.620	95	221921	54.660	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	109.320%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	147655	49.192	ug/l	96
3) Chloromethane	2.209	50	139296	41.040	ug/l	98
4) Vinyl Chloride	2.344	62	135536	43.670	ug/l	98
5) Bromomethane	2.756	94	98165	49.279	ug/l	95
6) Chloroethane	2.914	64	85477	44.801	ug/l	98
7) Trichlorofluoromethane	3.267	101	267247	48.697	ug/l	100
8) Diethyl Ether	3.709	74	75538	50.092	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.085	101	154771	47.267	ug/l	95
10) Methyl Iodide	4.291	142	157288	44.522	ug/l	99
11) Tert butyl alcohol	5.220	59	46665	90.600	ug/l #	87
12) 1,1-Dichloroethene	4.056	96	143298	47.467	ug/l	86
13) Acrolein	3.920	56	24456	110.316	ug/l	99
14) Allyl chloride	4.708	41	218798	44.900	ug/l #	90
15) Acrylonitrile	5.414	53	176567	256.054	ug/l	97
16) Acetone	4.150	43	151471	263.419	ug/l	91
17) Carbon Disulfide	4.403	76	436261	43.593	ug/l	99
18) Methyl Acetate	4.714	43	77182	48.270	ug/l #	89
19) Methyl tert-butyl Ether	5.473	73	358144	52.075	ug/l	99
20) Methylene Chloride	4.961	84	188109	51.712	ug/l #	82
21) trans-1,2-Dichloroethene	5.467	96	171195	46.902	ug/l	89
22) Diisopropyl ether	6.355	45	483981	47.379	ug/l #	92
23) Vinyl Acetate	6.297	43	1376314	252.591	ug/l #	92
24) 1,1-Dichloroethane	6.255	63	300696	45.860	ug/l	98
25) 2-Butanone	7.202	43	208263	247.556	ug/l #	90
26) 2,2-Dichloropropane	7.197	77	266231	47.611	ug/l	96
27) cis-1,2-Dichloroethene	7.202	96	193633	47.943	ug/l	90
28) Bromochloromethane	7.538	49	96506	42.722	ug/l #	74
29) Tetrahydrofuran	7.555	42	137065	251.965	ug/l	90
30) Chloroform	7.702	83	329358	48.114	ug/l	97
31) Cyclohexane	7.979	56	244069	42.071	ug/l	85
32) 1,1,1-Trichloroethane	7.897	97	282921	47.255	ug/l	96
36) 1,1-Dichloropropene	8.102	75	237477	50.312	ug/l	96
37) Ethyl Acetate	7.285	43	97559	52.327	ug/l #	94
38) Carbon Tetrachloride	8.091	117	256493	53.607	ug/l	98
39) Methylcyclohexane	9.344	83	262317	49.867	ug/l	97
40) Benzene	8.344	78	688762	50.632	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	53839	49.564	ug/l #	87
42) 1,2-Dichloroethane	8.414	62	196457	51.902	ug/l	95
43) Isopropyl Acetate	8.444	43	184158	53.439	ug/l #	92
44) Trichloroethene	9.102	130	186354	51.372	ug/l	95
45) 1,2-Dichloropropane	9.373	63	175358	51.187	ug/l	95
46) Dibromomethane	9.467	93	99110	52.675	ug/l	94
47) Bromodichloromethane	9.649	83	252208	52.387	ug/l #	98
48) Methyl methacrylate	9.444	41	93965	54.196	ug/l #	88
49) 1,4-Dioxane	9.455	88	23456	1207.160	ug/l	96
51) 4-Methyl-2-Pentanone	10.214	43	490889	274.263	ug/l	92
52) Toluene	10.391	92	451069	52.473	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	238320	54.795	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	270293	51.932	ug/l #	89
55) 1,1,2-Trichloroethane	10.791	97	140989	55.413	ug/l	96
56) Ethyl methacrylate	10.649	69	165082	58.355	ug/l #	85
57) 1,3-Dichloropropane	10.932	76	232842	54.540	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	381840	281.153	ug/l	94
59) 2-Hexanone	10.973	43	352682	298.878	ug/l	92
60) Dibromochloromethane	11.132	129	176340	55.582	ug/l	100
61) 1,2-Dibromoethane	11.238	107	136716	56.232	ug/l	99
64) Tetrachloroethene	10.867	164	157839	51.979	ug/l	97
65) Chlorobenzene	11.661	112	488792	51.392	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.732	131	187109	53.045	ug/l	98
67) Ethyl Benzene	11.732	91	861085	51.573	ug/l	100
68) m/p-Xylenes	11.843	106	679916	104.816	ug/l	99
69) o-Xylene	12.167	106	315895	53.011	ug/l	95
70) Styrene	12.185	104	564492	55.059	ug/l	97
71) Bromoform	12.349	173	104161	57.376	ug/l #	99
73) Isopropylbenzene	12.467	105	832440	46.902	ug/l	99
74) N-amyl acetate	12.273	43	185785	47.983	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.714	83	159303	48.666	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	111421m	45.613	ug/l	
77) Bromobenzene	12.749	156	200974	48.103	ug/l	91
78) n-propylbenzene	12.808	91	1037842	46.578	ug/l	97
79) 2-Chlorotoluene	12.896	91	601997	46.793	ug/l	95
80) 1,3,5-Trimethylbenzene	12.949	105	726838	48.344	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	51415	50.529	ug/l	84
82) 4-Chlorotoluene	12.990	91	640800	47.520	ug/l	97
83) tert-Butylbenzene	13.208	119	595954	47.032	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	730271	49.167	ug/l	98
85) sec-Butylbenzene	13.385	105	929020	48.017	ug/l	99
86) p-Isopropyltoluene	13.502	119	780251	49.472	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	413650	49.119	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	413661	48.661	ug/l	99
89) n-Butylbenzene	13.826	91	735778	48.962	ug/l	99
90) Hexachloroethane	14.096	117	153649	47.082	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	362517	49.753	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	25006	49.884	ug/l	85
93) 1,2,4-Trichlorobenzene	15.143	180	216369	52.304	ug/l	99
94) Hexachlorobutadiene	15.249	225	117833	50.549	ug/l	97
95) Naphthalene	15.379	128	401475	49.329	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	190899	52.054	ug/l	99

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

