

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021723\
 Data File : VD075361.D
 Acq On : 17 Feb 2023 17:45
 Operator : KP/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 02/20/2023
 Supervised By :Mahesh Dadoda 02/20/2023

Quant Time: Feb 18 01:07:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	45020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	71178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	68196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	37063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	27212	51.548	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.100%			
35) Dibromofluoromethane	7.805	113	27081	54.260	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.520%			
50) Toluene-d8	10.269	98	95180	50.286	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.580%			
62) 4-Bromofluorobenzene	12.575	95	33330	53.404	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	16872	46.312	ug/l	100
3) Chloromethane	2.146	50	29615	47.184	ug/l	98
4) Vinyl Chloride	2.281	62	32719	43.685	ug/l	99
5) Bromomethane	2.687	94	18899	39.438	ug/l	99
6) Chloroethane	2.834	64	23807	46.076	ug/l	94
7) Trichlorofluoromethane	3.175	101	45494	48.852	ug/l	99
8) Diethyl Ether	3.593	74	12796	51.114	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.964	101	27800	52.606	ug/l	99
10) Methyl Iodide	4.164	142	22821	36.358	ug/l	92
11) Tert butyl alcohol	5.046	59	7730	248.705	ug/l #	85
12) 1,1-Dichloroethene	3.940	96	24732	49.083	ug/l	97
13) Acrolein	3.811	56	2595	141.153	ug/l	96
14) Allyl chloride	4.564	41	40199	47.950	ug/l	89
15) Acrylonitrile	5.258	53	33593	290.991	ug/l	99
16) Acetone	4.022	43	35423	253.771	ug/l	95
17) Carbon Disulfide	4.275	76	64946	41.778	ug/l	97
18) Methyl Acetate	4.564	43	20404	55.285	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	64580	55.824	ug/l	96
20) Methylene Chloride	4.805	84	31703	54.444	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	29049	50.946	ug/l	94
22) Diisopropyl ether	6.222	45	94955	56.943	ug/l	98
23) Vinyl Acetate	6.158	43	149133m	264.244	ug/l	
24) 1,1-Dichloroethane	6.116	63	55034	52.936	ug/l	97
25) 2-Butanone	7.087	43	45574	263.496	ug/l	98
26) 2,2-Dichloropropane	7.081	77	47804	51.948	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	34325	53.808	ug/l	99
28) Bromochloromethane	7.422	49	13895	53.869	ug/l	98
29) Tetrahydrofuran	7.446	42	26895	288.771	ug/l	98
30) Chloroform	7.599	83	58835	54.983	ug/l	96
31) Cyclohexane	7.875	56	43933	46.868	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	51585	53.893	ug/l	98
36) 1,1-Dichloropropene	8.005	75	41378	53.221	ug/l	99
37) Ethyl Acetate	7.175	43	19377	57.146	ug/l	95
38) Carbon Tetrachloride	7.993	117	42865	59.499	ug/l	96
39) Methylcyclohexane	9.275	83	46461	51.628	ug/l	95
40) Benzene	8.252	78	118679	54.312	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	11126	55.004	ug/l #	89
42) 1,2-Dichloroethane	8.328	62	35598	56.270	ug/l	100
43) Isopropyl Acetate	8.363	43	37941	58.559	ug/l #	81
44) Trichloroethene	9.028	130	31848	52.874	ug/l	100
45) 1,2-Dichloropropane	9.304	63	30849	55.589	ug/l	98
46) Dibromomethane	9.399	93	17317	56.309	ug/l	98
47) Bromodichloromethane	9.587	83	45174	59.021	ug/l	95
48) Methyl methacrylate	9.381	41	16605	53.965	ug/l	94
49) 1,4-Dioxane	9.393	88	3450	1173.196	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	101703	310.494	ug/l	97
52) Toluene	10.334	92	76340	55.466	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	38896	58.669	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	46616	58.811	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	23469	59.782	ug/l	98
56) Ethyl methacrylate	10.599	69	28048	61.456	ug/l	94
57) 1,3-Dichloropropane	10.881	76	40365	60.358	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	34199	255.864	ug/l	99
59) 2-Hexanone	10.922	43	72619	303.458	ug/l	95
60) Dibromochloromethane	11.075	129	30567	62.845	ug/l	97
61) 1,2-Dibromoethane	11.181	107	21885	57.814	ug/l	98
64) Tetrachloroethene	10.810	164	27206	51.798	ug/l	93
65) Chlorobenzene	11.610	112	83405	54.232	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	33001	58.938	ug/l	94
67) Ethyl Benzene	11.687	91	153837	54.181	ug/l	100
68) m/p-Xylenes	11.798	106	120869	111.911	ug/l	99
69) o-Xylene	12.122	106	55386	54.900	ug/l	95
70) Styrene	12.140	104	97856	57.261	ug/l	99
71) Bromoform	12.304	173	17964	59.728	ug/l #	99
73) Isopropylbenzene	12.422	105	152360	50.744	ug/l	98
74) N-amyl acetate	12.234	43	36204	53.659	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	28104	53.800	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	18161m	43.140	ug/l	
77) Bromobenzene	12.704	156	34041	50.068	ug/l	96
78) n-propylbenzene	12.769	91	191814	51.341	ug/l	99
79) 2-Chlorotoluene	12.851	91	104443	50.965	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	129243	51.697	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	6585	50.741	ug/l	96
82) 4-Chlorotoluene	12.951	91	109890	51.405	ug/l	100
83) tert-Butylbenzene	13.169	119	111436	51.703	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	129110	51.706	ug/l	97
85) sec-Butylbenzene	13.345	105	170721	51.633	ug/l	99
86) p-Isopropyltoluene	13.463	119	141468	52.304	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	72748	52.938	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	70198	51.050	ug/l	99
89) n-Butylbenzene	13.792	91	138427	52.424	ug/l	97
90) Hexachloroethane	14.057	117	27813	52.160	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	63936	53.621	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4502	55.565	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	38271	51.248	ug/l	99
94) Hexachlorobutadiene	15.204	225	20459	51.927	ug/l	99
95) Naphthalene	15.334	128	72310	52.023	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	33776	52.420	ug/l	99

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

