

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013123\
 Data File : VD075247.D
 Acq On : 31 Jan 2023 10:21
 Operator : KP/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 02/01/2023
 Supervised By :Mahesh Dadoda 02/01/2023

Quant Time: Feb 01 00:39:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	62333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	100959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	90113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	44121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	32135	50.522	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.040%			
35) Dibromofluoromethane	7.805	113	33474	54.870	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.740%			
50) Toluene-d8	10.269	98	128838	53.637	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.280%			
62) 4-Bromofluorobenzene	12.575	95	42050	55.159	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.320%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	24589	50.708	ug/l	92
3) Chloromethane	2.146	50	38397	47.686	ug/l	99
4) Vinyl Chloride	2.281	62	42705	49.427	ug/l	91
5) Bromomethane	2.693	94	30212	51.416	ug/l	97
6) Chloroethane	2.834	64	31395	52.406	ug/l	99
7) Trichlorofluoromethane	3.175	101	60190	54.807	ug/l	99
8) Diethyl Ether	3.593	74	15970	45.132	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	35694	52.649	ug/l	98
10) Methyl Iodide	4.164	142	41306	45.260	ug/l	95
11) Tert butyl alcohol	5.046	59	8223	185.314	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	34489	48.322	ug/l	94
13) Acrolein	3.793	56	9883	272.702	ug/l	94
14) Allyl chloride	4.564	41	57369	49.528	ug/l	95
15) Acrylonitrile	5.252	53	37881	253.176	ug/l	98
16) Acetone	4.017	43	44754	266.777	ug/l	97
17) Carbon Disulfide	4.275	76	105755	45.684	ug/l	98
18) Methyl Acetate	4.564	43	22016	48.282	ug/l	99
19) Methyl tert-butyl Ether	5.317	73	76113	51.050	ug/l	96
20) Methylene Chloride	4.799	84	39443	44.229	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	40466	50.930	ug/l	99
22) Diisopropyl ether	6.211	45	113479	52.636	ug/l	99
23) Vinyl Acetate	6.158	43	274069	288.438	ug/l	96
24) 1,1-Dichloroethane	6.111	63	70145	51.773	ug/l	99
25) 2-Butanone	7.081	43	51461	253.809	ug/l	96
26) 2,2-Dichloropropane	7.075	77	61285	50.743	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	43532	50.262	ug/l	100
28) Bromochloromethane	7.422	49	17723	47.912	ug/l	98
29) Tetrahydrofuran	7.446	42	28926	250.131	ug/l	98
30) Chloroform	7.593	83	69854	51.703	ug/l	89
31) Cyclohexane	7.875	56	60503	47.429	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	63297	54.380	ug/l	99
36) 1,1-Dichloropropene	8.011	75	54199	55.295	ug/l	99
37) Ethyl Acetate	7.169	43	21492	54.425	ug/l	95
38) Carbon Tetrachloride	7.993	117	52453	63.557	ug/l	99
39) Methylcyclohexane	9.275	83	64786	53.634	ug/l	95
40) Benzene	8.252	78	155174	55.513	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	11045	46.482	ug/l	96
42) 1,2-Dichloroethane	8.328	62	42854	58.364	ug/l	100
43) Isopropyl Acetate	8.358	43	41441	53.927	ug/l #	86
44) Trichloroethene	9.028	130	42235	53.730	ug/l	93
45) 1,2-Dichloropropane	9.305	63	38525	55.949	ug/l	95
46) Dibromomethane	9.393	93	20428	56.254	ug/l	96
47) Bromodichloromethane	9.587	83	52265	58.013	ug/l	93
48) Methyl methacrylate	9.381	41	20721	55.141	ug/l	92
49) 1,4-Dioxane	9.393	88	3772	1088.044	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	104567	283.359	ug/l	96
52) Toluene	10.334	92	98608	55.822	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	49332	57.878	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	59049	56.705	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	26760	55.683	ug/l	97
56) Ethyl methacrylate	10.599	69	31045	53.717	ug/l	94
57) 1,3-Dichloropropane	10.881	76	45892	55.573	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	52996	267.982	ug/l	100
59) 2-Hexanone	10.922	43	75258	282.047	ug/l	97
60) Dibromochloromethane	11.075	129	33344	57.564	ug/l	98
61) 1,2-Dibromoethane	11.181	107	25090	54.642	ug/l	99
64) Tetrachloroethene	10.810	164	34381	53.428	ug/l	97
65) Chlorobenzene	11.610	112	103086	55.827	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	36102	58.127	ug/l	97
67) Ethyl Benzene	11.687	91	189940	57.146	ug/l	99
68) m/p-Xylenes	11.793	106	147481	114.861	ug/l	99
69) o-Xylene	12.122	106	69604	57.791	ug/l	100
70) Styrene	12.134	104	117019	58.446	ug/l	100
71) Bromoform	12.299	173	18665	58.199	ug/l #	97
73) Isopropylbenzene	12.422	105	184672	52.989	ug/l	98
74) N-amyl acetate	12.234	43	38346	50.229	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	28951	52.139	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	22946m	61.407	ug/l	
77) Bromobenzene	12.704	156	39297	49.366	ug/l	93
78) n-propylbenzene	12.763	91	228567	53.371	ug/l	98
79) 2-Chlorotoluene	12.851	91	124103	52.689	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	153943	53.915	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	8472	52.590	ug/l	90
82) 4-Chlorotoluene	12.951	91	129190	53.347	ug/l	100
83) tert-Butylbenzene	13.169	119	130760	52.927	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	155012	55.280	ug/l	98
85) sec-Butylbenzene	13.346	105	202432	53.938	ug/l	98
86) p-Isopropyltoluene	13.463	119	169778	55.255	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	82493	53.461	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	81479	53.669	ug/l	99
89) n-Butylbenzene	13.793	91	164538	54.954	ug/l	99
90) Hexachloroethane	14.057	117	30748	56.669	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	71447	54.120	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.457	75	4497	52.968	ug/l	97
93) 1,2,4-Trichlorobenzene	15.104	180	45143	52.075	ug/l	99
94) Hexachlorobutadiene	15.204	225	23144	54.476	ug/l	97
95) Naphthalene	15.340	128	79709	46.188	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	38844	52.513	ug/l	98

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

