

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013124\
 Data File : VD078292.D
 Acq On : 31 Jan 2024 14:33
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
 Supervised By :Semsettin Yesilyurt 02/01/2024

Quant Time: Feb 01 02:59:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 00:23:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	107856	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	196048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	182757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	90539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	67778	50.763	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.520%			
35) Dibromofluoromethane	7.810	113	71796	51.440	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.880%			
50) Toluene-d8	10.269	98	271964	51.467	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.940%			
62) 4-Bromofluorobenzene	12.575	95	83943	53.045	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.080%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	55512	48.928	ug/l	100
3) Chloromethane	2.152	50	107161	47.762	ug/l	96
4) Vinyl Chloride	2.281	62	141700	47.878	ug/l	98
5) Bromomethane	2.693	94	77719	43.377	ug/l	99
6) Chloroethane	2.840	64	99686	48.765	ug/l	100
7) Trichlorofluoromethane	3.175	101	118547	47.311	ug/l	93
8) Diethyl Ether	3.599	74	37708	50.872	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.964	101	73191	47.596	ug/l	93
10) Methyl Iodide	4.164	142	72590	51.894	ug/l	# 90
11) Tert butyl alcohol	5.046	59	21234m	249.324	ug/l	
12) 1,1-Dichloroethene	3.946	96	70973	47.832	ug/l	# 79
13) Acrolein	3.793	56	24400	242.329	ug/l	96
14) Allyl chloride	4.558	41	96931	49.548	ug/l	# 88
15) Acrylonitrile	5.258	53	87390	266.730	ug/l	99
16) Acetone	4.028	43	79726	255.025	ug/l	87
17) Carbon Disulfide	4.275	76	241070	48.126	ug/l	100
18) Methyl Acetate	4.564	43	42516	59.742	ug/l	89
19) Methyl tert-butyl Ether	5.316	73	167196	54.182	ug/l	99
20) Methylene Chloride	4.805	84	88986	55.316	ug/l	# 89
21) trans-1,2-Dichloroethene	5.322	96	85582	51.012	ug/l	94
22) Diisopropyl ether	6.222	45	225891	54.266	ug/l	93
23) Vinyl Acetate	6.158	43	678057	266.989	ug/l	# 92
24) 1,1-Dichloroethane	6.111	63	147228	51.090	ug/l	97
25) 2-Butanone	7.087	43	113002	253.989	ug/l	# 84
26) 2,2-Dichloropropane	7.075	77	119321	50.689	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	96493	51.895	ug/l	93
28) Bromochloromethane	7.428	49	55262	53.766	ug/l	# 76
29) Tetrahydrofuran	7.446	42	63928	268.592	ug/l	86
30) Chloroform	7.599	83	151828	51.529	ug/l	97
31) Cyclohexane	7.875	56	120126	48.039	ug/l	88
32) 1,1,1-Trichloroethane	7.799	97	125914	49.586	ug/l	98
36) 1,1-Dichloropropene	8.010	75	117100	50.595	ug/l	96
37) Ethyl Acetate	7.175	43	48515	54.463	ug/l	# 93
38) Carbon Tetrachloride	7.993	117	114253	50.205	ug/l	93
39) Methylcyclohexane	9.275	83	134800	49.261	ug/l	89
40) Benzene	8.252	78	344914	51.075	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	24497	51.152	ug/l #	90
42) 1,2-Dichloroethane	8.328	62	88891	50.751	ug/l	95
43) Isopropyl Acetate	8.363	43	86921	54.422	ug/l #	89
44) Trichloroethene	9.028	130	83586	50.406	ug/l	86
45) 1,2-Dichloropropane	9.304	63	86766	52.549	ug/l	99
46) Dibromomethane	9.393	93	47679	52.045	ug/l #	87
47) Bromodichloromethane	9.587	83	117143	51.973	ug/l	98
48) Methyl methacrylate	9.381	41	42306	55.432	ug/l #	78
49) 1,4-Dioxane	9.393	88	10702	1041.398	ug/l #	89
51) 4-Methyl-2-Pentanone	10.157	43	233489	270.238	ug/l	90
52) Toluene	10.334	92	212539	51.887	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	109618	52.068	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	132122	53.010	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	64931	54.314	ug/l	96
56) Ethyl methacrylate	10.599	69	76091	56.115	ug/l #	83
57) 1,3-Dichloropropane	10.881	76	109022	52.889	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	156246	253.380	ug/l	96
59) 2-Hexanone	10.922	43	175458	269.639	ug/l	88
60) Dibromochloromethane	11.075	129	74502	53.685	ug/l	96
61) 1,2-Dibromoethane	11.181	107	59109	52.369	ug/l	99
64) Tetrachloroethene	10.810	164	62934	49.373	ug/l #	90
65) Chlorobenzene	11.610	112	219125	50.117	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	80788	51.896	ug/l	96
67) Ethyl Benzene	11.687	91	408482	51.576	ug/l	97
68) m/p-Xylenes	11.793	106	318192	104.427	ug/l	89
69) o-Xylene	12.122	106	152831	54.578	ug/l	94
70) Styrene	12.134	104	261066	54.592	ug/l	97
71) Bromoform	12.298	173	41761	54.468	ug/l #	97
73) Isopropylbenzene	12.422	105	385108	50.273	ug/l	95
74) N-amyl acetate	12.234	43	82231	51.903	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	75084	50.755	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	49240m	52.034	ug/l	
77) Bromobenzene	12.704	156	81138	48.132	ug/l	80
78) n-propylbenzene	12.763	91	485109	50.837	ug/l	94
79) 2-Chlorotoluene	12.851	91	258983	50.699	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	318068	51.039	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	24130	50.713	ug/l	94
82) 4-Chlorotoluene	12.945	91	275428	50.576	ug/l	93
83) tert-Butylbenzene	13.169	119	267582	50.321	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	324376	51.447	ug/l	96
85) sec-Butylbenzene	13.345	105	419707	50.291	ug/l	94
86) p-Isopropyltoluene	13.457	119	349620	51.148	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	177611	50.715	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	178394	51.485	ug/l	97
89) n-Butylbenzene	13.787	91	336292	50.488	ug/l	97
90) Hexachloroethane	14.051	117	67186	49.210	ug/l	80
91) 1,2-Dichlorobenzene	13.828	146	152544	50.915	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	10224	49.302	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	90476	52.208	ug/l	96
94) Hexachlorobutadiene	15.204	225	43458	51.176	ug/l	97
95) Naphthalene	15.334	128	188597	54.582	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	79041	51.800	ug/l	99

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

