

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
 Data File : VD078284.D
 Acq On : 30 Jan 2024 17:42
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
 Supervised By :Mahesh Dadoda 01/31/2024

Quant Time: Jan 31 00:59:36 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	7.881	168	108395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	200666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	188954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70060	52.211	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.420%			
35) Dibromofluoromethane	7.805	113	70742	49.519	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.040%			
50) Toluene-d8	10.269	98	270491	50.010	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.020%			
62) 4-Bromofluorobenzene	12.575	95	83853	51.769	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.540%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	52156	45.454	ug/l	96
3) Chloromethane	2.152	50	112625	49.948	ug/l	96
4) Vinyl Chloride	2.281	62	140644	47.285	ug/l	98
5) Bromomethane	2.687	94	79027	43.887	ug/l	97
6) Chloroethane	2.834	64	98027	47.715	ug/l	99
7) Trichlorofluoromethane	3.169	101	116659	46.326	ug/l	92
8) Diethyl Ether	3.593	74	38639	51.869	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.964	101	69688	45.092	ug/l	94
10) Methyl Iodide	4.164	142	70882	50.421	ug/l #	89
11) Tert butyl alcohol	5.069	59	21772	254.370	ug/l	96
12) 1,1-Dichloroethene	3.940	96	70529	47.297	ug/l	89
13) Acrolein	3.799	56	24492	242.024	ug/l	97
14) Allyl chloride	4.564	41	100484	51.109	ug/l #	90
15) Acrylonitrile	5.263	53	89695	272.404	ug/l	99
16) Acetone	4.022	43	83379	266.019	ug/l	95
17) Carbon Disulfide	4.269	76	238225	47.321	ug/l	98
18) Methyl Acetate	4.564	43	43097	60.258	ug/l	89
19) Methyl tert-butyl Ether	5.322	73	167077	53.874	ug/l	98
20) Methylene Chloride	4.811	84	90914	56.283	ug/l	90
21) trans-1,2-Dichloroethene	5.316	96	82527	48.947	ug/l	91
22) Diisopropyl ether	6.216	45	224478	53.658	ug/l #	92
23) Vinyl Acetate	6.158	43	690468	270.524	ug/l #	90
24) 1,1-Dichloroethane	6.116	63	145037	50.080	ug/l	99
25) 2-Butanone	7.087	43	114384	255.817	ug/l #	86
26) 2,2-Dichloropropane	7.081	77	112796	47.679	ug/l	97
27) cis-1,2-Dichloroethene	7.087	96	93648	50.115	ug/l	91
28) Bromochloromethane	7.428	49	57138	55.314	ug/l #	78
29) Tetrahydrofuran	7.452	42	67183	280.864	ug/l	87
30) Chloroform	7.605	83	151236	51.073	ug/l	90
31) Cyclohexane	7.875	56	118661	47.217	ug/l	87
32) 1,1,1-Trichloroethane	7.799	97	126203	49.453	ug/l	99
36) 1,1-Dichloropropene	8.010	75	115337	48.686	ug/l	95
37) Ethyl Acetate	7.175	43	50803	55.719	ug/l #	91
38) Carbon Tetrachloride	7.993	117	108304	46.496	ug/l	94
39) Methylcyclohexane	9.275	83	133854	47.790	ug/l	93
40) Benzene	8.252	78	341266	49.372	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	29352	59.879	ug/l #	86
42) 1,2-Dichloroethane	8.328	62	91356	50.958	ug/l	93
43) Isopropyl Acetate	8.363	43	90951	55.635	ug/l #	76
44) Trichloroethene	9.028	130	81011	47.729	ug/l	91
45) 1,2-Dichloropropane	9.304	63	83119	49.182	ug/l	99
46) Dibromomethane	9.393	93	48903	52.153	ug/l #	86
47) Bromodichloromethane	9.587	83	116860	50.654	ug/l	98
48) Methyl methacrylate	9.381	41	41563	53.205	ug/l #	80
49) 1,4-Dioxane	9.387	88	11243	1068.865	ug/l #	84
51) 4-Methyl-2-Pentanone	10.157	43	246374	278.589	ug/l	88
52) Toluene	10.334	92	212416	50.664	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	111876	51.917	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	131272	51.457	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	65876	53.836	ug/l	96
56) Ethyl methacrylate	10.598	69	77108	55.556	ug/l #	83
57) 1,3-Dichloropropane	10.881	76	112474	53.308	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	161884	256.482	ug/l	96
59) 2-Hexanone	10.922	43	181505	272.513	ug/l	87
60) Dibromochloromethane	11.075	129	74452	52.415	ug/l	96
61) 1,2-Dibromoethane	11.181	107	60777	52.608	ug/l	99
64) Tetrachloroethene	10.810	164	65151	49.436	ug/l	94
65) Chlorobenzene	11.610	112	221811	49.067	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	80819	50.213	ug/l	94
67) Ethyl Benzene	11.681	91	404446	49.391	ug/l	95
68) m/p-Xylenes	11.793	106	315266	100.073	ug/l	89
69) o-Xylene	12.122	106	148516	51.298	ug/l	92
70) Styrene	12.134	104	257568	52.094	ug/l	97
71) Bromoform	12.298	173	41663	52.558	ug/l #	97
73) Isopropylbenzene	12.422	105	379005	48.883	ug/l	96
74) N-amyl acetate	12.234	43	87165	54.358	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.675	83	76643	51.188	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	50038m	52.244	ug/l	
77) Bromobenzene	12.698	156	83139	48.728	ug/l	81
78) n-propylbenzene	12.763	91	483579	50.069	ug/l	94
79) 2-Chlorotoluene	12.845	91	252994	48.933	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	316174	50.127	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	23767	49.351	ug/l	96
82) 4-Chlorotoluene	12.945	91	273593	49.637	ug/l	93
83) tert-Butylbenzene	13.163	119	267729	49.745	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	326508	51.165	ug/l	95
85) sec-Butylbenzene	13.345	105	413135	48.910	ug/l	95
86) p-Isopropyltoluene	13.457	119	347409	50.215	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	177336	50.030	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	174624	49.793	ug/l	97
89) n-Butylbenzene	13.787	91	337241	50.024	ug/l	97
90) Hexachloroethane	14.051	117	68813	49.797	ug/l	83
91) 1,2-Dichlorobenzene	13.834	146	154653	51.000	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	10699	50.975	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	87538	49.907	ug/l	96
94) Hexachlorobutadiene	15.198	225	41546	48.338	ug/l	98
95) Naphthalene	15.334	128	190377	54.437	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	80934	52.405	ug/l	98

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

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