

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070124\
 Data File : VD079308.D
 Acq On : 01 Jul 2024 20:48
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/02/2024
 Supervised By :Semsettin Yesilyurt 07/02/2024

Quant Time: Jul 02 06:02:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	150872	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	271422	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	260806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	130288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	75197	51.053	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.100%			
35) Dibromofluoromethane	7.804	113	84203	47.262	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.520%			
50) Toluene-d8	10.269	98	282671	44.103	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 88.200%			
62) 4-Bromofluorobenzene	12.569	95	104750	50.967	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.940%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	72200	42.340	ug/l	99
3) Chloromethane	2.146	50	121835	47.119	ug/l	95
4) Vinyl Chloride	2.281	62	154721	53.661	ug/l	97
5) Bromomethane	2.687	94	118111	52.203	ug/l	98
6) Chloroethane	2.834	64	100023	48.904	ug/l	99
7) Trichlorofluoromethane	3.169	101	145806	44.209	ug/l	94
8) Diethyl Ether	3.587	74	46415	47.846	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.958	101	91674	44.739	ug/l	94
10) Methyl Iodide	4.164	142	103689	51.137	ug/l	96
11) Tert butyl alcohol	5.058	59	22467	222.553	ug/l	# 80
12) 1,1-Dichloroethene	3.940	96	90232	45.491	ug/l	98
13) Acrolein	3.793	56	37362	187.135	ug/l	99
14) Allyl chloride	4.552	41	115790	45.742	ug/l	90
15) Acrylonitrile	5.252	53	109290	247.176	ug/l	98
16) Acetone	4.022	43	73182	204.374	ug/l	97
17) Carbon Disulfide	4.269	76	312144	44.797	ug/l	98
18) Methyl Acetate	4.563	43	54894	52.768	ug/l	# 88
19) Methyl tert-butyl Ether	5.322	73	206315	50.767	ug/l	97
20) Methylene Chloride	4.799	84	125560	51.058	ug/l	90
21) trans-1,2-Dichloroethene	5.311	96	104126	46.717	ug/l	88
22) Diisopropyl ether	6.210	45	284564	51.667	ug/l	# 91
23) Vinyl Acetate	6.152	43	1083066	259.749	ug/l	# 92
24) 1,1-Dichloroethane	6.110	63	187275	48.499	ug/l	97
25) 2-Butanone	7.081	43	118768	238.081	ug/l	97
26) 2,2-Dichloropropane	7.075	77	139918	45.897	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	121208	49.639	ug/l	91
28) Bromochloromethane	7.422	49	84278	52.345	ug/l	# 73
29) Tetrahydrofuran	7.446	42	79536	256.651	ug/l	# 85
30) Chloroform	7.593	83	195708	49.131	ug/l	98
31) Cyclohexane	7.875	56	139714	43.564	ug/l	# 83
32) 1,1,1-Trichloroethane	7.793	97	160290	49.027	ug/l	99
36) 1,1-Dichloropropene	8.004	75	136072	49.159	ug/l	95
37) Ethyl Acetate	7.169	43	52974	50.277	ug/l	96
38) Carbon Tetrachloride	7.993	117	140049	49.823	ug/l	98
39) Methylcyclohexane	9.275	83	156765	48.138	ug/l	91
40) Benzene	8.252	78	432190	50.046	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	30176	52.103	ug/l	88
42) 1,2-Dichloroethane	8.322	62	109835	52.883	ug/l	94
43) Isopropyl Acetate	8.357	43	104722	51.500	ug/l	96
44) Trichloroethene	9.028	130	97665	49.510	ug/l	90
45) 1,2-Dichloropropane	9.304	63	106914	50.846	ug/l	99
46) Dibromomethane	9.393	93	59948	50.268	ug/l	91
47) Bromodichloromethane	9.581	83	151582	51.941	ug/l	98
48) Methyl methacrylate	9.375	41	49385	53.825	ug/l	87
49) 1,4-Dioxane	9.387	88	13384	1095.214	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	288664	272.788	ug/l	97
52) Toluene	10.328	92	269444	51.251	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	132969	50.453	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	160851	50.866	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	80062	52.050	ug/l	96
56) Ethyl methacrylate	10.593	69	98423	47.826	ug/l	94
57) 1,3-Dichloropropane	10.875	76	137960	52.460	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	224392	239.292	ug/l	88
59) 2-Hexanone	10.916	43	193649	257.692	ug/l	97
60) Dibromochloromethane	11.075	129	102238	52.657	ug/l	99
61) 1,2-Dibromoethane	11.181	107	74939	53.142	ug/l	95
64) Tetrachloroethene	10.804	164	80548	49.569	ug/l	93
65) Chlorobenzene	11.604	112	287731	49.600	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.675	131	100050	50.672	ug/l	96
67) Ethyl Benzene	11.681	91	515442	50.920	ug/l	95
68) m/p-Xylenes	11.793	106	393769	100.852	ug/l	87
69) o-Xylene	12.116	106	180305	51.406	ug/l	85
70) Styrene	12.134	104	328927	52.585	ug/l	95
71) Bromoform	12.292	173	55305	51.649	ug/l #	97
73) Isopropylbenzene	12.416	105	466235	48.138	ug/l	97
74) N-amyl acetate	12.228	43	102998	48.451	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.669	83	97421	48.252	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	70306m	53.921	ug/l	
77) Bromobenzene	12.698	156	104028	47.747	ug/l	79
78) n-propylbenzene	12.757	91	589922	47.577	ug/l	95
79) 2-Chlorotoluene	12.845	91	334547	48.261	ug/l	91
80) 1,3,5-Trimethylbenzene	12.898	105	398447	48.590	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	31474	44.793	ug/l	99
82) 4-Chlorotoluene	12.945	91	351361	48.243	ug/l	93
83) tert-Butylbenzene	13.163	119	328159	49.402	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	411793	50.171	ug/l	95
85) sec-Butylbenzene	13.339	105	504925	47.773	ug/l	96
86) p-Isopropyltoluene	13.457	119	424593	48.671	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	223456	48.233	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	214194	46.520	ug/l	94
89) n-Butylbenzene	13.787	91	409775	47.869	ug/l	97
90) Hexachloroethane	14.051	117	89352	46.566	ug/l	89
91) 1,2-Dichlorobenzene	13.828	146	190214	47.710	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	12923	46.688	ug/l	79
93) 1,2,4-Trichlorobenzene	15.098	180	105264	49.517	ug/l	98
94) Hexachlorobutadiene	15.198	225	58072	49.126	ug/l	95
95) Naphthalene	15.328	128	217719	52.470	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	96288	51.224	ug/l	98

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

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