

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020924\
 Data File : VD078396.D
 Acq On : 09 Feb 2024 20:15
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/12/2024
 Supervised By :Semsettin Yesilyurt 02/12/2024

Quant Time: Feb 09 23:04:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	99799	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	181434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	177823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71191	57.624	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.240%			
35) Dibromofluoromethane	7.804	113	72932	56.463	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.920%			
50) Toluene-d8	10.269	98	257905	52.737	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.480%			
62) 4-Bromofluorobenzene	12.569	95	84741	57.862	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 115.720%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	44028	41.308	ug/l	96
3) Chloromethane	2.152	50	93094	44.842	ug/l	99
4) Vinyl Chloride	2.281	62	116568	42.566	ug/l	100
5) Bromomethane	2.681	94	65168	39.308	ug/l	100
6) Chloroethane	2.828	64	87948	46.496	ug/l	98
7) Trichlorofluoromethane	3.169	101	93457	40.309	ug/l	98
8) Diethyl Ether	3.593	74	32442	47.301	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.963	101	56796	39.916	ug/l	95
10) Methyl Iodide	4.158	142	53026	40.968	ug/l	# 87
11) Tert butyl alcohol	5.075	59	20992	266.382	ug/l	95
12) 1,1-Dichloroethene	3.940	96	55036	40.086	ug/l	# 82
13) Acrolein	3.799	56	17778	189.376	ug/l	99
14) Allyl chloride	4.558	41	77088	42.586	ug/l	88
15) Acrylonitrile	5.263	53	74531	245.847	ug/l	98
16) Acetone	4.028	43	62133	212.327	ug/l	88
17) Carbon Disulfide	4.263	76	180460	38.934	ug/l	97
18) Methyl Acetate	4.563	43	37221	56.524	ug/l	89
19) Methyl tert-butyl Ether	5.316	73	142608	49.945	ug/l	99
20) Methylene Chloride	4.799	84	80495	54.010	ug/l	87
21) trans-1,2-Dichloroethene	5.310	96	69057	44.486	ug/l	95
22) Diisopropyl ether	6.222	45	185707	48.214	ug/l	95
23) Vinyl Acetate	6.157	43	552874	235.273	ug/l	# 93
24) 1,1-Dichloroethane	6.116	63	121539	45.581	ug/l	97
25) 2-Butanone	7.087	43	94396	229.298	ug/l	# 84
26) 2,2-Dichloropropane	7.075	77	86609	39.763	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	77597	45.102	ug/l	92
28) Bromochloromethane	7.428	49	55040	57.873	ug/l	# 75
29) Tetrahydrofuran	7.446	42	58585	266.015	ug/l	85
30) Chloroform	7.593	83	130150	47.738	ug/l	94
31) Cyclohexane	7.875	56	90165	38.969	ug/l	89
32) 1,1,1-Trichloroethane	7.793	97	106370	45.271	ug/l	99
36) 1,1-Dichloropropene	8.010	75	92906	43.375	ug/l	95
37) Ethyl Acetate	7.169	43	37880	45.949	ug/l	95
38) Carbon Tetrachloride	7.993	117	92899	44.110	ug/l	99
39) Methylcyclohexane	9.275	83	103199	40.751	ug/l	91
40) Benzene	8.251	78	282645	45.225	ug/l	100

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 Supervised By :Semsettin Yesilyurt 02/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	24862	56.096	ug/l #	81
42) 1,2-Dichloroethane	8.328	62	78658	48.526	ug/l	92
43) Isopropyl Acetate	8.363	43	77618	52.512	ug/l #	89
44) Trichloroethene	9.028	130	69244	45.121	ug/l	91
45) 1,2-Dichloropropane	9.304	63	69473	45.465	ug/l	96
46) Dibromomethane	9.393	93	41515	48.967	ug/l	88
47) Bromodichloromethane	9.581	83	101925	48.863	ug/l	94
48) Methyl methacrylate	9.381	41	35107	49.704	ug/l #	79
49) 1,4-Dioxane	9.387	88	10190	1071.445	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	210498	263.252	ug/l	89
52) Toluene	10.334	92	178848	47.179	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	92697	47.577	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	110293	47.816	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	55638	50.289	ug/l	91
56) Ethyl methacrylate	10.598	69	64389	51.310	ug/l #	81
57) 1,3-Dichloropropane	10.875	76	93742	49.139	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	173641	304.270	ug/l	92
59) 2-Hexanone	10.922	43	148102	245.932	ug/l	89
60) Dibromochloromethane	11.075	129	66403	51.703	ug/l	97
61) 1,2-Dibromoethane	11.175	107	53653	51.364	ug/l	99
64) Tetrachloroethene	10.804	164	57180	46.103	ug/l	91
65) Chlorobenzene	11.604	112	187798	44.143	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	69740	46.042	ug/l	97
67) Ethyl Benzene	11.681	91	337004	43.732	ug/l	99
68) m/p-Xylenes	11.792	106	263550	88.894	ug/l	88
69) o-Xylene	12.116	106	122986	45.139	ug/l	87
70) Styrene	12.134	104	220465	47.381	ug/l	96
71) Bromoform	12.298	173	37940	50.858	ug/l #	96
73) Isopropylbenzene	12.422	105	316291	40.994	ug/l	96
74) N-amyl acetate	12.234	43	74122	46.450	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	67185	45.091	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	42587m	44.682	ug/l	
77) Bromobenzene	12.698	156	73154	43.085	ug/l	82
78) n-propylbenzene	12.763	91	402669	41.896	ug/l	95
79) 2-Chlorotoluene	12.845	91	220585	42.874	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	270633	43.117	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	20638	43.064	ug/l	96
82) 4-Chlorotoluene	12.945	91	233582	42.585	ug/l	94
83) tert-Butylbenzene	13.163	119	222961	41.630	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	276543	43.547	ug/l	95
85) sec-Butylbenzene	13.345	105	347596	41.353	ug/l	95
86) p-Isopropyltoluene	13.457	119	292875	42.540	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	156417	44.344	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	152095	43.581	ug/l	98
89) n-Butylbenzene	13.786	91	276730	41.249	ug/l	96
90) Hexachloroethane	14.051	117	58652	42.652	ug/l	83
91) 1,2-Dichlorobenzene	13.828	146	137184	45.460	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	10003	47.892	ug/l	84
93) 1,2,4-Trichlorobenzene	15.098	180	77771	44.556	ug/l	96
94) Hexachlorobutadiene	15.204	225	36535	42.716	ug/l	99
95) Naphthalene	15.328	128	163809	47.069	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	71558	46.561	ug/l	99

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

