

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081424\
 Data File : VD079735.D
 Acq On : 14 Aug 2024 16:18
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024

Quant Time: Aug 15 01:32:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 13 01:06:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	140439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	263135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	237757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	123871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86826	53.738	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.480%			
35) Dibromofluoromethane	7.804	113	84240	51.930	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.860%			
50) Toluene-d8	10.263	98	359006	52.951	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.900%			
62) 4-Bromofluorobenzene	12.569	95	100258	52.813	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 105.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	56755	49.013	ug/l	98
3) Chloromethane	2.146	50	142396	52.498	ug/l	94
4) Vinyl Chloride	2.281	62	168688	52.609	ug/l	97
5) Bromomethane	2.687	94	105321	48.257	ug/l	97
6) Chloroethane	2.834	64	119184	54.453	ug/l	99
7) Trichlorofluoromethane	3.169	101	149385	52.093	ug/l	97
8) Diethyl Ether	3.599	74	51690	57.644	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.963	101	86938	51.498	ug/l	95
10) Methyl Iodide	4.157	142	87682	46.403	ug/l	91
11) Tert butyl alcohol	5.046	59	35404	419.119	ug/l #	81
12) 1,1-Dichloroethene	3.940	96	94752	53.677	ug/l	94
13) Acrolein	3.793	56	49869	265.348	ug/l	100
14) Allyl chloride	4.557	41	138026	52.131	ug/l #	84
15) Acrylonitrile	5.251	53	140354	340.006	ug/l	99
16) Acetone	4.022	43	102338	264.560	ug/l	97
17) Carbon Disulfide	4.263	76	319084	50.993	ug/l	98
18) Methyl Acetate	4.557	43	66535	60.400	ug/l #	83
19) Methyl tert-butyl Ether	5.316	73	216892	59.839	ug/l	98
20) Methylene Chloride	4.799	84	135129	61.586	ug/l	89
21) trans-1,2-Dichloroethene	5.304	96	105913	54.648	ug/l #	83
22) Diisopropyl ether	6.210	45	300954	55.159	ug/l #	91
23) Vinyl Acetate	6.151	43	1293308	323.389	ug/l #	90
24) 1,1-Dichloroethane	6.104	63	191436	53.076	ug/l	93
25) 2-Butanone	7.075	43	162470	326.843	ug/l	94
26) 2,2-Dichloropropane	7.075	77	142431	50.002	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	121904	54.226	ug/l	86
28) Bromochloromethane	7.422	49	83801	54.617	ug/l #	66
29) Tetrahydrofuran	7.440	42	108301	358.393	ug/l #	81
30) Chloroform	7.592	83	189728	54.170	ug/l	93
31) Cyclohexane	7.875	56	150715	51.033	ug/l	85
32) 1,1,1-Trichloroethane	7.792	97	156470	53.999	ug/l	98
36) 1,1-Dichloropropene	8.004	75	137701	54.762	ug/l	94
37) Ethyl Acetate	7.163	43	75881	66.681	ug/l #	95
38) Carbon Tetrachloride	7.987	117	142583	55.863	ug/l	95
39) Methylcyclohexane	9.275	83	165080	55.545	ug/l	91
40) Benzene	8.245	78	443439	54.223	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.392	41	41513	69.266	ug/l #	81
42) 1,2-Dichloroethane	8.322	62	109041	57.683	ug/l	93
43) Isopropyl Acetate	8.357	43	128922	64.961	ug/l #	92
44) Trichloroethene	9.022	130	97520	54.293	ug/l	95
45) 1,2-Dichloropropane	9.304	63	106700	53.006	ug/l	99
46) Dibromomethane	9.392	93	59011	57.905	ug/l	89
47) Bromodichloromethane	9.581	83	139393	54.261	ug/l	99
48) Methyl methacrylate	9.381	41	59926	65.647	ug/l	83
49) 1,4-Dioxane	9.381	88	16443	1603.132	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	358503	351.118	ug/l	95
52) Toluene	10.328	92	278177	56.726	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	135547	56.445	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	161551	54.812	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	79678	58.651	ug/l	94
56) Ethyl methacrylate	10.592	69	108321	62.945	ug/l #	89
57) 1,3-Dichloropropane	10.875	76	137982	58.915	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	231625	312.650	ug/l #	88
59) 2-Hexanone	10.916	43	257686	334.725	ug/l	94
60) Dibromochloromethane	11.069	129	96309	57.539	ug/l	95
61) 1,2-Dibromoethane	11.175	107	72278	59.915	ug/l	96
64) Tetrachloroethene	10.804	164	80438	55.370	ug/l	90
65) Chlorobenzene	11.604	112	280818	53.789	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.675	131	92198	54.168	ug/l	96
67) Ethyl Benzene	11.681	91	502679	54.875	ug/l	100
68) m/p-Xylenes	11.792	106	395217	110.949	ug/l	91
69) o-Xylene	12.122	106	180271	55.372	ug/l	90
70) Styrene	12.133	104	328826	57.574	ug/l	97
71) Bromoform	12.292	173	54643	62.455	ug/l #	99
73) Isopropylbenzene	12.416	105	479384	55.124	ug/l	98
74) N-amyl acetate	12.228	43	124649	64.336	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.669	83	98742	60.810	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	59234m	58.658	ug/l	
77) Bromobenzene	12.698	156	103285	53.104	ug/l	79
78) n-propylbenzene	12.763	91	584903	54.353	ug/l	96
79) 2-Chlorotoluene	12.845	91	322111	53.753	ug/l	93
80) 1,3,5-Trimethylbenzene	12.898	105	395334	54.819	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	37310	62.963	ug/l	98
82) 4-Chlorotoluene	12.945	91	338299	53.686	ug/l	96
83) tert-Butylbenzene	13.163	119	331647	54.490	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	406226	55.059	ug/l	98
85) sec-Butylbenzene	13.339	105	518890	55.326	ug/l	98
86) p-Isopropyltoluene	13.457	119	433495	55.021	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	219474	53.007	ug/l	97
88) 1,4-Dichlorobenzene	13.533	146	220196	53.875	ug/l	98
89) n-Butylbenzene	13.786	91	410270	55.244	ug/l	97
90) Hexachloroethane	14.051	117	85323	52.781	ug/l	92
91) 1,2-Dichlorobenzene	13.827	146	193061	54.140	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	15093	68.097	ug/l	80
93) 1,2,4-Trichlorobenzene	15.098	180	111888	54.541	ug/l	98
94) Hexachlorobutadiene	15.198	225	57544	55.780	ug/l	95
95) Naphthalene	15.327	128	259941	66.253	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	101559	56.479	ug/l	99

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

