

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022024\
 Data File : VD078473.D
 Acq On : 20 Feb 2024 09:33
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 21 05:19:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/21/2024
 Supervised By :Semsettin Yesilyurt 02/21/2024

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	134554	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	223091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	204985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	104164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.239	65	70082	48.171	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.340%		
35) Dibromofluoromethane	7.804	113	79650	56.206	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	112.420%		
50) Toluene-d8	10.269	98	320907	56.609	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	113.220%		
62) 4-Bromofluorobenzene	12.575	95	89782	54.425	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	108.840%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.940	85	70392	53.096	ug/l	98
3) Chloromethane	2.157	50	106338	43.646	ug/l	100
4) Vinyl Chloride	2.293	62	162747	43.775	ug/l	100
5) Bromomethane	2.704	94	128046	49.897	ug/l	100
6) Chloroethane	2.846	64	122027	45.012	ug/l	99
7) Trichlorofluoromethane	3.181	101	129473	51.626	ug/l	97
8) Diethyl Ether	3.599	74	33298	46.096	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.975	101	80394	50.814	ug/l	97
10) Methyl Iodide	4.175	142	78170	55.164	ug/l	# 91
11) Tert butyl alcohol	5.057	59	15934	200.967	ug/l	# 73
12) 1,1-Dichloroethene	3.946	96	75320	51.349	ug/l	96
13) Acrolein	3.799	56	17466	129.951	ug/l	99
14) Allyl chloride	4.569	41	87459	48.265	ug/l	95
15) Acrylonitrile	5.263	53	70424	227.738	ug/l	99
16) Acetone	4.028	43	78233	284.013	ug/l	# 80
17) Carbon Disulfide	4.281	76	231743	46.952	ug/l	99
18) Methyl Acetate	4.575	43	55759	52.663	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	147638	47.374	ug/l	96
20) Methylene Chloride	4.810	84	86147	52.421	ug/l	# 85
21) trans-1,2-Dichloroethene	5.316	96	88409	51.234	ug/l	92
22) Diisopropyl ether	6.222	45	198438	49.685	ug/l	98
23) Vinyl Acetate	6.163	43	356647m	215.971	ug/l	
24) 1,1-Dichloroethane	6.116	63	143172	50.603	ug/l	96
25) 2-Butanone	7.087	43	93201	253.038	ug/l	94
26) 2,2-Dichloropropane	7.087	77	123033	51.873	ug/l	96
27) cis-1,2-Dichloroethene	7.087	96	97813	51.665	ug/l	98
28) Bromochloromethane	7.428	49	53741	47.956	ug/l	82
29) Tetrahydrofuran	7.445	42	48374	223.580	ug/l	91
30) Chloroform	7.598	83	155244	51.860	ug/l	91
31) Cyclohexane	7.881	56	117037	47.556	ug/l	99
32) 1,1,1-Trichloroethane	7.798	97	134762	52.801	ug/l	99
36) 1,1-Dichloropropene	8.010	75	120690	54.823	ug/l	97
37) Ethyl Acetate	7.175	43	33891	43.917	ug/l	96
38) Carbon Tetrachloride	7.992	117	119974	55.030	ug/l	93
39) Methylcyclohexane	9.275	83	142915	54.684	ug/l	98
40) Benzene	8.251	78	344999	54.218	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	20616	51.331	ug/l #	90
42) 1,2-Dichloroethane	8.328	62	83412	50.661	ug/l	97
43) Isopropyl Acetate	8.363	43	66486	46.526	ug/l	96
44) Trichloroethene	9.028	130	90177	55.550	ug/l	89
45) 1,2-Dichloropropane	9.310	63	83364	53.396	ug/l	97
46) Dibromomethane	9.398	93	47391	53.967	ug/l	89
47) Bromodichloromethane	9.586	83	114124	52.470	ug/l	97
48) Methyl methacrylate	9.381	41	38207	50.395	ug/l	88
49) 1,4-Dioxane	9.386	88	8779	923.134	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	178100	234.821	ug/l	91
52) Toluene	10.333	92	223694	55.590	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	103365	52.082	ug/l	100
54) cis-1,3-Dichloropropene	10.022	75	128425	53.365	ug/l #	94
55) 1,1,2-Trichloroethane	10.733	97	62353	52.726	ug/l	93
56) Ethyl methacrylate	10.598	69	47547	43.472	ug/l	93
57) 1,3-Dichloropropane	10.880	76	103040	51.221	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	166730	258.796	ug/l	98
59) 2-Hexanone	10.922	43	135921	238.465	ug/l	93
60) Dibromochloromethane	11.075	129	75957	53.383	ug/l	97
61) 1,2-Dibromoethane	11.180	107	58128	52.357	ug/l	100
64) Tetrachloroethene	10.810	164	73605	56.849	ug/l	93
65) Chlorobenzene	11.604	112	230994	56.053	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.680	131	85865	56.697	ug/l	96
67) Ethyl Benzene	11.686	91	424926	57.548	ug/l	97
68) m/p-Xylenes	11.792	106	336294	116.762	ug/l	94
69) o-Xylene	12.122	106	149652	56.938	ug/l	93
70) Styrene	12.133	104	230297	53.688	ug/l	96
71) Bromoform	12.298	173	41984	52.670	ug/l #	99
73) Isopropylbenzene	12.422	105	406627	58.135	ug/l	96
74) N-amyl acetate	12.233	43	60452	45.685	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	67013	48.299	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	46629m	52.729	ug/l	
77) Bromobenzene	12.698	156	92338	56.173	ug/l	93
78) n-propylbenzene	12.763	91	493575	56.626	ug/l	97
79) 2-Chlorotoluene	12.851	91	257305	55.114	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	335329	57.736	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	21228	49.835	ug/l	97
82) 4-Chlorotoluene	12.945	91	274818	54.809	ug/l	98
83) tert-Butylbenzene	13.169	119	287256	58.645	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	335623	56.938	ug/l	99
85) sec-Butylbenzene	13.345	105	429330	56.518	ug/l	96
86) p-Isopropyltoluene	13.463	119	387243	59.850	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	196949	56.137	ug/l	100
88) 1,4-Dichlorobenzene	13.539	146	191167	55.455	ug/l	100
89) n-Butylbenzene	13.786	91	354891	56.907	ug/l	99
90) Hexachloroethane	14.051	117	74196	55.794	ug/l	94
91) 1,2-Dichlorobenzene	13.833	146	163920	55.639	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8495	46.759	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	98108	56.663	ug/l	96
94) Hexachlorobutadiene	15.204	225	52343	57.918	ug/l	99
95) Naphthalene	15.333	128	164906	51.350	ug/l	98
96) 1,2,3-Trichlorobenzene	15.521	180	81236	55.361	ug/l	96

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

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