

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022624\
 Data File : VD078545.D
 Acq On : 26 Feb 2024 10:01
 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 27 03:22:40 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 02/27/2024
 Supervised By :Semsettin Yesilyurt 02/27/2024

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	130257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	208563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	194223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	103238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71106	50.487	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.980%			
35) Dibromofluoromethane	7.811	113	83405	62.955	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 125.920%			
50) Toluene-d8	10.269	98	323875	61.112	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 122.220%			
62) 4-Bromofluorobenzene	12.575	95	95112	61.672	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 123.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.940	85	65495	51.032	ug/l	94
3) Chloromethane	2.152	50	106257	45.051	ug/l	99
4) Vinyl Chloride	2.287	62	167546	46.553	ug/l	99
5) Bromomethane	2.699	94	130179	52.402	ug/l	98
6) Chloroethane	2.840	64	122458	46.661	ug/l	93
7) Trichlorofluoromethane	3.175	101	125359	51.634	ug/l	94
8) Diethyl Ether	3.593	74	35236	50.388	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.970	101	78770	51.430	ug/l	97
10) Methyl Iodide	4.175	142	80364	58.583	ug/l	94
11) Tert butyl alcohol	5.064	59	17675	231.123	ug/l	98
12) 1,1-Dichloroethene	3.946	96	74408	52.401	ug/l	96
13) Acrolein	3.805	56	33095	254.358	ug/l	97
14) Allyl chloride	4.564	41	80824	46.075	ug/l	94
15) Acrylonitrile	5.258	53	70881	236.778	ug/l	100
16) Acetone	4.028	43	68587	253.520	ug/l	87
17) Carbon Disulfide	4.275	76	210248	44.003	ug/l	99
18) Methyl Acetate	4.564	43	58300	56.464	ug/l	95
19) Methyl tert-butyl Ether	5.322	73	150413	49.857	ug/l	99
20) Methylene Chloride	4.811	84	87805	55.367	ug/l	92
21) trans-1,2-Dichloroethene	5.317	96	86425	51.737	ug/l	91
22) Diisopropyl ether	6.216	45	185681	48.025	ug/l	99
23) Vinyl Acetate	6.158	43	335881m	209.703	ug/l	
24) 1,1-Dichloroethane	6.122	63	136446	49.817	ug/l	95
25) 2-Butanone	7.081	43	87473	244.810	ug/l #	83
26) 2,2-Dichloropropane	7.081	77	123326	53.712	ug/l	96
27) cis-1,2-Dichloroethene	7.087	96	96880	52.860	ug/l	97
28) Bromochloromethane	7.422	49	48658	44.853	ug/l	90
29) Tetrahydrofuran	7.446	42	48086	229.581	ug/l	96
30) Chloroform	7.599	83	149206	51.487	ug/l	97
31) Cyclohexane	7.887	56	106108	44.537	ug/l	92
32) 1,1,1-Trichloroethane	7.799	97	132985	53.824	ug/l	98
36) 1,1-Dichloropropene	8.011	75	112248	54.540	ug/l	99
37) Ethyl Acetate	7.175	43	31416	43.545	ug/l	97
38) Carbon Tetrachloride	7.993	117	118190	57.988	ug/l	98
39) Methylcyclohexane	9.281	83	130031	53.219	ug/l	98
40) Benzene	8.252	78	333645	56.086	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.411	41	17369m	46.259	ug/l	
42) 1,2-Dichloroethane	8.328	62	80689	52.421	ug/l	99
43) Isopropyl Acetate	8.363	43	64788	48.496	ug/l	97
44) Trichloroethene	9.028	130	91059	60.000	ug/l	92
45) 1,2-Dichloropropane	9.305	63	77854	53.341	ug/l	97
46) Dibromomethane	9.399	93	45241	55.107	ug/l	94
47) Bromodichloromethane	9.587	83	114190	56.157	ug/l	99
48) Methyl methacrylate	9.375	41	37629	53.090	ug/l	92
49) 1,4-Dioxane	9.387	88	9420	1059.536	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	173659	244.915	ug/l	95
52) Toluene	10.334	92	216531	57.559	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	103633	55.855	ug/l	95
54) cis-1,3-Dichloropropene	10.022	75	124911	55.520	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	61532	55.656	ug/l #	90
56) Ethyl methacrylate	10.599	69	47601	46.553	ug/l	95
57) 1,3-Dichloropropane	10.881	76	101682	54.067	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	154532	256.571	ug/l	98
59) 2-Hexanone	10.922	43	129023	242.131	ug/l	93
60) Dibromochloromethane	11.075	129	79496	59.762	ug/l	98
61) 1,2-Dibromoethane	11.181	107	58749	56.602	ug/l	98
64) Tetrachloroethene	10.810	164	73465	59.885	ug/l	96
65) Chlorobenzene	11.610	112	227475	58.258	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.687	131	86666	60.397	ug/l	98
67) Ethyl Benzene	11.687	91	413157	59.055	ug/l	98
68) m/p-Xylenes	11.793	106	327337	119.950	ug/l	93
69) o-Xylene	12.122	106	144939	58.200	ug/l	91
70) Styrene	12.134	104	226542	55.739	ug/l	97
71) Bromoform	12.299	173	44611	59.066	ug/l #	98
73) Isopropylbenzene	12.422	105	397087	57.280	ug/l	97
74) N-amyl acetate	12.234	43	59184	45.128	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	68554	49.852	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	47274m	53.937	ug/l	
77) Bromobenzene	12.704	156	93290	57.261	ug/l	96
78) n-propylbenzene	12.763	91	482484	55.850	ug/l	98
79) 2-Chlorotoluene	12.851	91	254780	55.063	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	334325	58.080	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.475	75	20989	49.715	ug/l	96
82) 4-Chlorotoluene	12.951	91	266778	53.683	ug/l	99
83) tert-Butylbenzene	13.169	119	280625	57.805	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	336285	57.562	ug/l	97
85) sec-Butylbenzene	13.346	105	420999	55.918	ug/l	97
86) p-Isopropyltoluene	13.463	119	376375	58.692	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	198218	57.005	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	197257	57.735	ug/l	99
89) n-Butylbenzene	13.787	91	347040	56.147	ug/l	99
90) Hexachloroethane	14.057	117	73915	56.081	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	166191	56.916	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9256	51.405	ug/l	97
93) 1,2,4-Trichlorobenzene	15.104	180	104142	60.687	ug/l	98
94) Hexachlorobutadiene	15.204	225	55760	62.252	ug/l	100
95) Naphthalene	15.334	128	180164	56.605	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	88576	60.904	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

