

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032024\
 Data File : VD078718.D
 Acq On : 20 Mar 2024 16:04
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 21 04:46:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024
 Supervised By :Semsettin Yesilyurt 03/21/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	110929	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	183468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	177549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	97367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	54704	52.621	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.240%			
35) Dibromofluoromethane	7.805	113	61011	51.649	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.300%			
50) Toluene-d8	10.269	98	245519	56.515	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 113.040%			
62) 4-Bromofluorobenzene	12.575	95	69968	55.052	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.100%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.940	85	57682	55.870	ug/l	99
3) Chloromethane	2.152	50	87007	53.374	ug/l	93
4) Vinyl Chloride	2.287	62	128771	53.549	ug/l	97
5) Bromomethane	2.699	94	114806	49.863	ug/l	99
6) Chloroethane	2.846	64	100218	53.439	ug/l	97
7) Trichlorofluoromethane	3.181	101	113357	59.585	ug/l	99
8) Diethyl Ether	3.599	74	30474	54.863	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.975	101	69259	58.008	ug/l	99
10) Methyl Iodide	4.169	142	82101	58.133	ug/l	97
11) Tert butyl alcohol	5.052	59	14288	307.109	ug/l	97
12) 1,1-Dichloroethene	3.946	96	65190	57.437	ug/l	83
13) Acrolein	3.793	56	16202	222.312	ug/l	96
14) Allyl chloride	4.564	41	74298	58.667	ug/l	97
15) Acrylonitrile	5.258	53	65394	292.049	ug/l	97
16) Acetone	4.022	43	59120	294.088	ug/l	99
17) Carbon Disulfide	4.275	76	207330	55.722	ug/l	96
18) Methyl Acetate	4.558	43	28931	67.059	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	135009	58.984	ug/l	97
20) Methylene Chloride	4.799	84	81335	60.354	ug/l #	92
21) trans-1,2-Dichloroethene	5.311	96	80911	60.415	ug/l	88
22) Diisopropyl ether	6.216	45	172221	59.813	ug/l	93
23) Vinyl Acetate	6.152	43	501169	297.563	ug/l	99
24) 1,1-Dichloroethane	6.111	63	126430	58.566	ug/l	96
25) 2-Butanone	7.081	43	76332	285.600	ug/l	98
26) 2,2-Dichloropropane	7.075	77	109376	59.885	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	87694	57.410	ug/l	99
28) Bromochloromethane	7.422	49	51488	66.900	ug/l	100
29) Tetrahydrofuran	7.446	42	44187	303.965	ug/l	97
30) Chloroform	7.593	83	137364	57.069	ug/l	100
31) Cyclohexane	7.875	56	99313	56.836	ug/l	93
32) 1,1,1-Trichloroethane	7.799	97	120055	58.788	ug/l	99
36) 1,1-Dichloropropene	8.010	75	106058	61.880	ug/l	99
37) Ethyl Acetate	7.169	43	31151	55.635	ug/l #	93
38) Carbon Tetrachloride	7.993	117	110434	61.119	ug/l	96
39) Methylcyclohexane	9.275	83	124616	62.678	ug/l	99
40) Benzene	8.252	78	309233	59.686	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	17704	60.337	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	76519	60.562	ug/l	98
43) Isopropyl Acetate	8.363	43	61990	60.878	ug/l	98
44) Trichloroethene	9.028	130	83408	59.322	ug/l	97
45) 1,2-Dichloropropane	9.305	63	75839	61.706	ug/l	97
46) Dibromomethane	9.393	93	42709	57.970	ug/l	98
47) Bromodichloromethane	9.581	83	105444	60.121	ug/l	94
48) Methyl methacrylate	9.381	41	28581	57.605	ug/l	95
49) 1,4-Dioxane	9.387	88	8044	1179.223	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	161169	302.754	ug/l	99
52) Toluene	10.334	92	207391	62.176	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	96816	60.375	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	115508	59.919	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	57464	58.245	ug/l	97
56) Ethyl methacrylate	10.599	69	60388	61.057	ug/l	96
57) 1,3-Dichloropropane	10.881	76	94959	59.650	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	136830	313.756	ug/l	100
59) 2-Hexanone	10.922	43	118521	300.335	ug/l	99
60) Dibromochloromethane	11.075	129	72552	59.631	ug/l	98
61) 1,2-Dibromoethane	11.181	107	54291	56.862	ug/l	97
64) Tetrachloroethene	10.810	164	69735	59.352	ug/l	96
65) Chlorobenzene	11.604	112	212606	57.303	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	80328	59.117	ug/l	99
67) Ethyl Benzene	11.687	91	388962	61.521	ug/l	95
68) m/p-Xylenes	11.793	106	315739	122.982	ug/l	99
69) o-Xylene	12.122	106	145238	61.142	ug/l	99
70) Styrene	12.134	104	252746	63.393	ug/l	99
71) Bromoform	12.304	173	43828	59.685	ug/l #	98
73) Isopropylbenzene	12.422	105	376473	58.726	ug/l	98
74) N-amyl acetate	12.234	43	57613	55.353	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	65909	55.538	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	43532m	58.031	ug/l	
77) Bromobenzene	12.704	156	89503	56.297	ug/l	99
78) n-propylbenzene	12.763	91	467649	59.930	ug/l	100
79) 2-Chlorotoluene	12.851	91	242941	56.751	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	322127	60.764	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	19917	55.654	ug/l	95
82) 4-Chlorotoluene	12.945	91	256905	56.740	ug/l	100
83) tert-Butylbenzene	13.169	119	276691	60.531	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	319328	59.772	ug/l	97
85) sec-Butylbenzene	13.345	105	421991	61.004	ug/l	99
86) p-Isopropyltoluene	13.463	119	362847	61.272	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	195448	58.256	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	189252	57.238	ug/l	98
89) n-Butylbenzene	13.787	91	329597	61.628	ug/l	99
90) Hexachloroethane	14.057	117	70260	57.340	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	164486	56.925	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	8789	55.362	ug/l	98
93) 1,2,4-Trichlorobenzene	15.104	180	96305	57.109	ug/l	95
94) Hexachlorobutadiene	15.204	225	51618	56.540	ug/l	97
95) Naphthalene	15.334	128	169370	57.768	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	83771	57.421	ug/l	98

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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

