

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031824\
 Data File : VD078704.D
 Acq On : 18 Mar 2024 18:33
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 19 01:29:46 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 03/19/2024
 Supervised By :Semsettin Yesilyurt 03/19/2024

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	112660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	186629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	178321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	95521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	57038	54.023	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.040%			
35) Dibromofluoromethane	7.810	113	63487	52.835	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.680%			
50) Toluene-d8	10.269	98	240146	54.342	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.680%			
62) 4-Bromofluorobenzene	12.569	95	69696	53.909	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.820%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	47305	45.115	ug/l	98
3) Chloromethane	2.152	50	77064	46.548	ug/l	98
4) Vinyl Chloride	2.281	62	116686	47.778	ug/l	95
5) Bromomethane	2.693	94	101867	43.563	ug/l	99
6) Chloroethane	2.834	64	91874	48.237	ug/l	99
7) Trichlorofluoromethane	3.175	101	86838	44.944	ug/l	99
8) Diethyl Ether	3.593	74	24970	44.264	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.963	101	56218	46.362	ug/l	99
10) Methyl Iodide	4.163	142	66198	46.152	ug/l	98
11) Tert butyl alcohol	5.063	59	12197m	258.137	ug/l	
12) 1,1-Dichloroethene	3.940	96	52700	45.719	ug/l	97
13) Acrolein	3.799	56	18093	244.444	ug/l	98
14) Allyl chloride	4.558	41	59989	46.640	ug/l	95
15) Acrylonitrile	5.252	53	58413	256.863	ug/l	99
16) Acetone	4.016	43	47590	233.096	ug/l	96
17) Carbon Disulfide	4.269	76	170677	45.166	ug/l	99
18) Methyl Acetate	4.563	43	26429	60.319	ug/l	96
19) Methyl tert-butyl Ether	5.322	73	112134	48.237	ug/l	99
20) Methylene Chloride	4.805	84	72434	52.259	ug/l	97
21) trans-1,2-Dichloroethene	5.316	96	64199	47.200	ug/l	94
22) Diisopropyl ether	6.222	45	142585	48.759	ug/l	93
23) Vinyl Acetate	6.157	43	420102	245.598	ug/l	99
24) 1,1-Dichloroethane	6.116	63	103671	47.286	ug/l	100
25) 2-Butanone	7.081	43	65512	241.350	ug/l	98
26) 2,2-Dichloropropane	7.081	77	83207	44.857	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	71990	46.405	ug/l	99
28) Bromochloromethane	7.428	49	39696	50.786	ug/l	95
29) Tetrahydrofuran	7.446	42	38303	259.440	ug/l	98
30) Chloroform	7.599	83	115848	47.391	ug/l	96
31) Cyclohexane	7.875	56	81782	46.084	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	97193	46.862	ug/l	99
36) 1,1-Dichloropropene	8.004	75	85746	49.182	ug/l	97
37) Ethyl Acetate	7.169	43	29187	51.245	ug/l #	74
38) Carbon Tetrachloride	7.993	117	87773	47.754	ug/l	89
39) Methylcyclohexane	9.275	83	96601	47.764	ug/l	99
40) Benzene	8.251	78	257481	48.856	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	15870m	53.170	ug/l	
42) 1,2-Dichloroethane	8.328	62	65508	50.969	ug/l	100
43) Isopropyl Acetate	8.363	43	51449	49.670	ug/l	99
44) Trichloroethene	9.028	130	65819	46.019	ug/l	98
45) 1,2-Dichloropropane	9.304	63	62334	49.859	ug/l	94
46) Dibromomethane	9.393	93	36532	48.746	ug/l	97
47) Bromodichloromethane	9.587	83	88507	49.609	ug/l	94
48) Methyl methacrylate	9.381	41	27033	53.562	ug/l	97
49) 1,4-Dioxane	9.387	88	7448	1073.359	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	144261	266.403	ug/l	99
52) Toluene	10.334	92	166661	49.118	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	81824	50.161	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	96166	49.040	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	51007	50.825	ug/l	97
56) Ethyl methacrylate	10.598	69	51633	51.321	ug/l	95
57) 1,3-Dichloropropane	10.875	76	79941	49.366	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	127114	286.540	ug/l	99
59) 2-Hexanone	10.922	43	102648	255.707	ug/l	100
60) Dibromochloromethane	11.075	129	62900	50.822	ug/l	97
61) 1,2-Dibromoethane	11.181	107	47630	49.041	ug/l	98
64) Tetrachloroethene	10.810	164	57495	48.722	ug/l	97
65) Chlorobenzene	11.604	112	178772	47.975	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	64836	47.510	ug/l	98
67) Ethyl Benzene	11.681	91	306470	48.263	ug/l	95
68) m/p-Xylenes	11.792	106	253956	98.489	ug/l	100
69) o-Xylene	12.122	106	113700	47.658	ug/l	95
70) Styrene	12.134	104	201271	50.263	ug/l	99
71) Bromoform	12.298	173	36748	49.827	ug/l #	96
73) Isopropylbenzene	12.422	105	299194	47.573	ug/l	99
74) N-amyl acetate	12.234	43	50191	49.154	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	57570	49.449	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	35129m	47.734	ug/l	
77) Bromobenzene	12.698	156	74823	47.973	ug/l	99
78) n-propylbenzene	12.763	91	372227	48.623	ug/l	99
79) 2-Chlorotoluene	12.845	91	196618	46.818	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	250258	48.119	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	17035	48.521	ug/l	97
82) 4-Chlorotoluene	12.945	91	208703	46.985	ug/l	100
83) tert-Butylbenzene	13.169	119	216284	48.230	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	251859	48.054	ug/l	97
85) sec-Butylbenzene	13.345	105	332382	48.978	ug/l	99
86) p-Isopropyltoluene	13.457	119	285780	49.191	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	155869	47.357	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	151897	46.828	ug/l	98
89) n-Butylbenzene	13.786	91	252717	48.166	ug/l	99
90) Hexachloroethane	14.057	117	56206	46.757	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	133650	47.147	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7232	46.435	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	74373	44.956	ug/l	95
94) Hexachlorobutadiene	15.204	225	40630	45.364	ug/l	98
95) Naphthalene	15.333	128	138174	48.039	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	65671	45.884	ug/l	97

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

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