

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078667.D
 Acq On : 14 Mar 2024 15:28
 Operator : RP/MD
 Sample : VD0314SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0314SBS01

Quant Time: Mar 15 05:49:06 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 03/15/2024
 Supervised By :Semsettin Yesilyurt 03/15/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	126325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	212447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	202139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	102369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	53304	45.025	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.060%		
35) Dibromofluoromethane	7.805	113	61130	44.691	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.380%		
50) Toluene-d8	10.269	98	234418	46.599	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.200%		
62) 4-Bromofluorobenzene	12.569	95	68305	46.412	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	92.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	25905	22.033	ug/l	91
3) Chloromethane	2.146	50	42386	22.832	ug/l	98
4) Vinyl Chloride	2.281	62	63213	23.083	ug/l	97
5) Bromomethane	2.687	94	55470	21.156	ug/l	96
6) Chloroethane	2.834	64	49236	23.054	ug/l	98
7) Trichlorofluoromethane	3.175	101	46022	21.243	ug/l	100
8) Diethyl Ether	3.593	74	12678	20.043	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.969	101	28876	21.238	ug/l	97
10) Methyl Iodide	4.164	142	31223	19.413	ug/l	99
11) Tert butyl alcohol	5.058	59	5197	98.091	ug/l #	93
12) 1,1-Dichloroethene	3.940	96	27294	21.117	ug/l #	85
13) Acrolein	3.799	56	8655	104.284	ug/l	97
14) Allyl chloride	4.564	41	29254	20.284	ug/l	97
15) Acrylonitrile	5.258	53	27127	106.384	ug/l	99
16) Acetone	4.022	43	22813	99.651	ug/l	95
17) Carbon Disulfide	4.269	76	92170	21.752	ug/l #	94
18) Methyl Acetate	4.569	43	9212	18.750	ug/l	95
19) Methyl tert-butyl Ether	5.316	73	54083	20.749	ug/l	95
20) Methylene Chloride	4.805	84	37915	21.518	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	32049	21.014	ug/l	89
22) Diisopropyl ether	6.216	45	68475	20.883	ug/l	96
23) Vinyl Acetate	6.158	43	201095	104.846	ug/l	98
24) 1,1-Dichloroethane	6.111	63	51320	20.876	ug/l	97
25) 2-Butanone	7.081	43	30368	99.775	ug/l	95
26) 2,2-Dichloropropane	7.075	77	42140	20.260	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	35231	20.253	ug/l	98
28) Bromochloromethane	7.422	49	17767	20.272	ug/l	97
29) Tetrahydrofuran	7.446	42	18161	109.705	ug/l	93
30) Chloroform	7.593	83	56894	20.756	ug/l	97
31) Cyclohexane	7.875	56	41573	20.892	ug/l	98
32) 1,1,1-Trichloroethane	7.799	97	47221	20.305	ug/l	98
36) 1,1-Dichloropropene	8.010	75	41116	20.717	ug/l	99
37) Ethyl Acetate	7.169	43	12293	18.960	ug/l #	93
38) Carbon Tetrachloride	7.993	117	44059	21.058	ug/l	95
39) Methylcyclohexane	9.275	83	48338	20.996	ug/l	96
40) Benzene	8.252	78	126350	21.061	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	7276m	21.415	ug/l	
42) 1,2-Dichloroethane	8.328	62	31332	21.416	ug/l	98
43) Isopropyl Acetate	8.363	43	24079	20.421	ug/l #	86
44) Trichloroethene	9.028	130	33967	20.863	ug/l	93
45) 1,2-Dichloropropane	9.304	63	29772	20.920	ug/l	91
46) Dibromomethane	9.393	93	17576	20.602	ug/l	95
47) Bromodichloromethane	9.581	83	42077	20.718	ug/l	95
48) Methyl methacrylate	9.381	41	11732	20.421	ug/l	97
49) 1,4-Dioxane	9.387	88	3775	477.915	ug/l	86
51) 4-Methyl-2-Pentanone	10.157	43	62123	100.779	ug/l	98
52) Toluene	10.334	92	79660	20.624	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	37356	20.118	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	46005	20.609	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	24125	21.117	ug/l	98
56) Ethyl methacrylate	10.599	69	23088	20.160	ug/l	94
57) 1,3-Dichloropropane	10.881	76	38011	20.620	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	41078	81.345	ug/l	97
59) 2-Hexanone	10.922	43	47425	103.783	ug/l	96
60) Dibromochloromethane	11.075	129	27882	19.790	ug/l	94
61) 1,2-Dibromoethane	11.175	107	22146	20.031	ug/l	97
64) Tetrachloroethene	10.810	164	27685	20.696	ug/l	95
65) Chlorobenzene	11.604	112	86896	20.572	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	31819	20.569	ug/l	98
67) Ethyl Benzene	11.681	91	147035	20.427	ug/l	98
68) m/p-Xylenes	11.793	106	117481	40.193	ug/l	100
69) o-Xylene	12.116	106	52822	19.532	ug/l	97
70) Styrene	12.134	104	90601	19.960	ug/l	98
71) Bromoform	12.293	173	16979	20.309	ug/l #	95
73) Isopropylbenzene	12.422	105	137744	20.437	ug/l	100
74) N-amyl acetate	12.228	43	23432	21.413	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	26078	20.901	ug/l	97
76) 1,2,3-Trichloropropane	12.716	75	16018m	20.310	ug/l	
77) Bromobenzene	12.698	156	34793	20.815	ug/l	100
78) n-propylbenzene	12.763	91	176350	21.495	ug/l	99
79) 2-Chlorotoluene	12.845	91	94055	20.898	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	117712	21.119	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	7038	18.705	ug/l	92
82) 4-Chlorotoluene	12.945	91	99893	20.984	ug/l	99
83) tert-Butylbenzene	13.163	119	100782	20.971	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	117480	20.915	ug/l	97
85) sec-Butylbenzene	13.345	105	153576	21.116	ug/l	98
86) p-Isopropyltoluene	13.457	119	127522	20.482	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	72405	20.527	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	73034	21.009	ug/l	98
89) n-Butylbenzene	13.787	91	121137	21.544	ug/l	99
90) Hexachloroethane	14.051	117	27816	21.592	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	60227	19.825	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.439	75	3355	20.101	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	35706	20.139	ug/l	95
94) Hexachlorobutadiene	15.204	225	19509	20.325	ug/l	98
95) Naphthalene	15.334	128	60191	19.527	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	30367	19.798	ug/l	94

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

