

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030824\
 Data File : VD078617.D
 Acq On : 08 Mar 2024 12:52
 Operator : RP/MD
 Sample : VD0308SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/11/2024
 Supervised By :Semsettin Yesilyurt 03/11/2024

Quant Time: Mar 09 02:32:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	130978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	221557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	207704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	108108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	69961	53.884	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.760%			
35) Dibromofluoromethane	7.805	113	76642	53.179	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.360%			
50) Toluene-d8	10.269	98	296812	52.999	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.000%			
62) 4-Bromofluorobenzene	12.569	95	84302	52.704	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.400%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	22989	19.962	ug/l	98
3) Chloromethane	2.146	50	42931	20.473	ug/l	97
4) Vinyl Chloride	2.281	62	68135	21.163	ug/l	98
5) Bromomethane	2.676	94	55233	21.480	ug/l	99
6) Chloroethane	2.828	64	52772	22.115	ug/l	92
7) Trichlorofluoromethane	3.164	101	42678	19.604	ug/l	97
8) Diethyl Ether	3.587	74	12206	19.968	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.964	101	26613	19.397	ug/l	96
10) Methyl Iodide	4.164	142	25609	17.837	ug/l #	90
11) Tert butyl alcohol	5.070	59	7711	124.234	ug/l #	73
12) 1,1-Dichloroethene	3.934	96	23653	18.466	ug/l	93
13) Acrolein	3.799	56	12344	95.865	ug/l	94
14) Allyl chloride	4.564	41	26895	18.435	ug/l	94
15) Acrylonitrile	5.252	53	27615	109.575	ug/l	97
16) Acetone	4.023	43	25302	101.719	ug/l	89
17) Carbon Disulfide	4.264	76	76941	18.030	ug/l #	95
18) Methyl Acetate	4.570	43	10543	22.393	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	51866	19.916	ug/l	96
20) Methylene Chloride	4.799	84	38518	15.183	ug/l	91
21) trans-1,2-Dichloroethene	5.311	96	27520	17.882	ug/l	88
22) Diisopropyl ether	6.217	45	63718	19.480	ug/l	94
23) Vinyl Acetate	6.158	43	197088	101.454	ug/l	97
24) 1,1-Dichloroethane	6.111	63	46965	19.006	ug/l	99
25) 2-Butanone	7.087	43	34367	109.529	ug/l	88
26) 2,2-Dichloropropane	7.081	77	40152	19.234	ug/l	92
27) cis-1,2-Dichloroethene	7.081	96	32031	19.007	ug/l	98
28) Bromochloromethane	7.422	49	17843	19.328	ug/l	92
29) Tetrahydrofuran	7.446	42	18788	107.778	ug/l	90
30) Chloroform	7.593	83	52942	19.842	ug/l	88
31) Cyclohexane	7.875	56	36709	18.064	ug/l	90
32) 1,1,1-Trichloroethane	7.787	97	43562	19.032	ug/l	99
36) 1,1-Dichloropropene	8.005	75	35707	17.904	ug/l	98
37) Ethyl Acetate	7.175	43	15013	23.233	ug/l	93
38) Carbon Tetrachloride	7.987	117	40160	19.253	ug/l	85
39) Methylcyclohexane	9.269	83	39955	17.069	ug/l	91
40) Benzene	8.252	78	114225	19.323	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	6816	19.680	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	28709	19.144	ug/l	97
43) Isopropyl Acetate	8.358	43	23763	19.181	ug/l #	85
44) Trichloroethene	9.028	130	30684	18.916	ug/l	99
45) 1,2-Dichloropropane	9.305	63	27926	19.666	ug/l	98
46) Dibromomethane	9.393	93	17514	21.395	ug/l	91
47) Bromodichloromethane	9.581	83	41362	20.492	ug/l	97
48) Methyl methacrylate	9.381	41	12217	21.770	ug/l #	82
49) 1,4-Dioxane	9.387	88	3715	458.386	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	67581	105.687	ug/l	91
52) Toluene	10.334	92	72465	19.105	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	35665	19.100	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	43478	19.447	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	22757	19.743	ug/l	96
56) Ethyl methacrylate	10.599	69	22527	19.498	ug/l #	91
57) 1,3-Dichloropropane	10.875	76	38274	20.490	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	51520	111.271	ug/l	99
59) 2-Hexanone	10.922	43	53368	112.522	ug/l	87
60) Dibromochloromethane	11.075	129	27828	19.994	ug/l	95
61) 1,2-Dibromoethane	11.175	107	20776	19.639	ug/l	94
64) Tetrachloroethene	10.805	164	25668	19.641	ug/l	97
65) Chlorobenzene	11.604	112	78330	19.151	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.681	131	28527	18.734	ug/l	98
67) Ethyl Benzene	11.681	91	130115	18.359	ug/l	95
68) m/p-Xylenes	11.793	106	106357	37.095	ug/l	95
69) o-Xylene	12.116	106	46749	17.973	ug/l	91
70) Styrene	12.134	104	81245	18.020	ug/l	95
71) Bromoform	12.299	173	15771	19.469	ug/l #	97
73) Isopropylbenzene	12.416	105	125318	18.287	ug/l	97
74) N-amyl acetate	12.234	43	25241	21.883	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.669	83	27776	21.157	ug/l	95
76) 1,2,3-Trichloropropane	12.728	75	19703m	23.863	ug/l	
77) Bromobenzene	12.699	156	31963	19.286	ug/l	93
78) n-propylbenzene	12.763	91	159950	19.081	ug/l	96
79) 2-Chlorotoluene	12.846	91	86733	19.282	ug/l	94
80) 1,3,5-Trimethylbenzene	12.899	105	104869	18.806	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	7836	20.314	ug/l	99
82) 4-Chlorotoluene	12.940	91	89545	18.679	ug/l	99
83) tert-Butylbenzene	13.163	119	87063	18.132	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	105964	18.591	ug/l	98
85) sec-Butylbenzene	13.340	105	139595	18.636	ug/l	96
86) p-Isopropyltoluene	13.457	119	115713	18.350	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	64960	18.344	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	68375	19.272	ug/l	97
89) n-Butylbenzene	13.787	91	107477	18.238	ug/l	98
90) Hexachloroethane	14.046	117	24489	19.099	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	60307	20.048	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.440	75	3468	19.818	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	33398	18.750	ug/l	97
94) Hexachlorobutadiene	15.198	225	17912	18.276	ug/l	98
95) Naphthalene	15.328	128	59999	19.062	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	29517	18.659	ug/l	99

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

