

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070324\
 Data File : VD079330.D
 Acq On : 03 Jul 2024 12:04
 Operator : RP/MD
 Sample : VD0703SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0703SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/05/2024
 Supervised By :Semsettin Yesilyurt 07/05/2024

Quant Time: Jul 04 06:32:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	178448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	325224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	299653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	140684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	89188	51.207	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.420%			
35) Dibromofluoromethane	7.805	113	103823	48.634	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.260%			
50) Toluene-d8	10.269	98	343798	44.766	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 89.540%			
62) 4-Bromofluorobenzene	12.569	95	122486	49.737	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	37301	18.494	ug/l	96
3) Chloromethane	2.146	50	59775	19.545	ug/l	95
4) Vinyl Chloride	2.281	62	73554	21.568	ug/l	94
5) Bromomethane	2.681	94	58342	18.939	ug/l	96
6) Chloroethane	2.828	64	51404	21.249	ug/l	92
7) Trichlorofluoromethane	3.170	101	73602	18.868	ug/l	99
8) Diethyl Ether	3.587	74	20169	17.578	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.958	101	44214	18.243	ug/l	97
10) Methyl Iodide	4.164	142	42593	22.025	ug/l	93
11) Tert butyl alcohol	5.058	59	10918	91.438	ug/l #	86
12) 1,1-Dichloroethene	3.934	96	42410	18.077	ug/l	91
13) Acrolein	3.793	56	22265	94.286	ug/l	98
14) Allyl chloride	4.552	41	54007	18.038	ug/l	88
15) Acrylonitrile	5.252	53	48504	92.747	ug/l	96
16) Acetone	4.022	43	37730	89.085	ug/l	96
17) Carbon Disulfide	4.269	76	146703	17.800	ug/l	98
18) Methyl Acetate	4.558	43	21753	17.679	ug/l	93
19) Methyl tert-butyl Ether	5.311	73	86540	18.004	ug/l	93
20) Methylene Chloride	4.793	84	67247	19.709	ug/l	92
21) trans-1,2-Dichloroethene	5.305	96	47422	17.988	ug/l	87
22) Diisopropyl ether	6.211	45	124383	19.094	ug/l #	90
23) Vinyl Acetate	6.152	43	458168	92.901	ug/l	93
24) 1,1-Dichloroethane	6.105	63	85374	18.693	ug/l	99
25) 2-Butanone	7.081	43	54141	91.759	ug/l	98
26) 2,2-Dichloropropane	7.069	77	72638	20.145	ug/l	97
27) cis-1,2-Dichloroethene	7.069	96	52186	18.069	ug/l	85
28) Bromochloromethane	7.422	49	35439	18.610	ug/l #	72
29) Tetrahydrofuran	7.440	42	33638	91.771	ug/l #	81
30) Chloroform	7.587	83	90994	19.313	ug/l	100
31) Cyclohexane	7.875	56	68735	18.120	ug/l	87
32) 1,1,1-Trichloroethane	7.787	97	74819	19.348	ug/l	98
36) 1,1-Dichloropropene	8.005	75	62574	18.866	ug/l	95
37) Ethyl Acetate	7.163	43	24889	19.714	ug/l	97
38) Carbon Tetrachloride	7.993	117	65927	19.574	ug/l	97
39) Methylcyclohexane	9.269	83	69851	17.901	ug/l	94
40) Benzene	8.246	78	193679	18.717	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	15154m	21.837	ug/l	
42) 1,2-Dichloroethane	8.328	62	48886	19.644	ug/l	94
43) Isopropyl Acetate	8.357	43	45334	18.606	ug/l	95
44) Trichloroethene	9.028	130	44788	18.949	ug/l	89
45) 1,2-Dichloropropane	9.304	63	47009	18.658	ug/l	99
46) Dibromomethane	9.393	93	27448	19.208	ug/l	88
47) Bromodichloromethane	9.581	83	67710	19.363	ug/l	95
48) Methyl methacrylate	9.381	41	20815	18.933	ug/l	84
49) 1,4-Dioxane	9.381	88	5449	372.128	ug/l #	79
51) 4-Methyl-2-Pentanone	10.157	43	118858	93.740	ug/l	95
52) Toluene	10.334	92	120069	19.060	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	59474	18.833	ug/l	98
54) cis-1,3-Dichloropropene	10.010	75	71676	18.917	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	34357	18.641	ug/l	97
56) Ethyl methacrylate	10.593	69	39009	18.309	ug/l	93
57) 1,3-Dichloropropane	10.875	76	59610	18.917	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	89152	92.357	ug/l	91
59) 2-Hexanone	10.916	43	85188	94.608	ug/l	95
60) Dibromochloromethane	11.075	129	43384	18.648	ug/l	96
61) 1,2-Dibromoethane	11.181	107	31871	18.862	ug/l	92
64) Tetrachloroethene	10.804	164	36830	19.727	ug/l	96
65) Chlorobenzene	11.604	112	127658	19.153	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	42492	18.731	ug/l	95
67) Ethyl Benzene	11.681	91	212668	18.286	ug/l	100
68) m/p-Xylenes	11.793	106	169486	37.781	ug/l	89
69) o-Xylene	12.116	106	71598	17.767	ug/l	79
70) Styrene	12.134	104	138138	19.221	ug/l	95
71) Bromoform	12.298	173	23496	19.098	ug/l #	98
73) Isopropylbenzene	12.416	105	195149	18.660	ug/l	97
74) N-amyl acetate	12.234	43	42901	18.689	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.669	83	41141	18.871	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	24618m	17.486	ug/l	
77) Bromobenzene	12.698	156	45959	19.536	ug/l	81
78) n-propylbenzene	12.757	91	252077	18.827	ug/l	93
79) 2-Chlorotoluene	12.845	91	144214	19.267	ug/l	90
80) 1,3,5-Trimethylbenzene	12.898	105	168158	18.991	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.463	75	13950	18.386	ug/l	97
82) 4-Chlorotoluene	12.945	91	152211	19.355	ug/l	91
83) tert-Butylbenzene	13.163	119	135432	18.882	ug/l	88
84) 1,2,4-Trimethylbenzene	13.210	105	168266	18.986	ug/l	96
85) sec-Butylbenzene	13.340	105	213870	18.740	ug/l	96
86) p-Isopropyltoluene	13.457	119	173843	18.455	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	93339	18.658	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	95489	19.206	ug/l	95
89) n-Butylbenzene	13.787	91	169650	18.354	ug/l	96
90) Hexachloroethane	14.051	117	38972	18.809	ug/l	88
91) 1,2-Dichlorobenzene	13.828	146	82802	19.234	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5558	18.596	ug/l	80
93) 1,2,4-Trichlorobenzene	15.098	180	41324	18.003	ug/l	97
94) Hexachlorobutadiene	15.198	225	25244	19.777	ug/l	96
95) Naphthalene	15.328	128	80724	18.017	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	36289	17.879	ug/l	97

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

