

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070224\
 Data File : VD079313.D
 Acq On : 02 Jul 2024 12:35
 Operator : RP/MD
 Sample : VD0702SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0702SBS01

Quant Time: Jul 03 01:19:42 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/03/2024
 Supervised By :Semsettin Yesilyurt 07/03/2024

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	164585	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	293695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	280210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	128027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	74696	46.089	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.180%		
35) Dibromofluoromethane	7.804	113	87281	45.275	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.540%		
50) Toluene-d8	10.269	98	296863	42.805	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	85.600%		
62) 4-Bromofluorobenzene	12.569	95	108426	48.755	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	42341	22.761	ug/l	96
3) Chloromethane	2.146	50	62506	22.160	ug/l	95
4) Vinyl Chloride	2.281	62	78183	24.857	ug/l	97
5) Bromomethane	2.675	94	57368	20.516	ug/l	98
6) Chloroethane	2.828	64	50039	22.427	ug/l	100
7) Trichlorofluoromethane	3.169	101	78903	21.931	ug/l	96
8) Diethyl Ether	3.593	74	20256	19.141	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.958	101	49382	22.092	ug/l	94
10) Methyl Iodide	4.158	142	49690	26.187	ug/l	95
11) Tert butyl alcohol	5.058	59	11000	99.885	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	47394	21.903	ug/l	93
13) Acrolein	3.799	56	19279	88.517	ug/l	93
14) Allyl chloride	4.558	41	57877	20.959	ug/l	88
15) Acrylonitrile	5.246	53	47311	98.086	ug/l	98
16) Acetone	4.022	43	37960	97.178	ug/l	95
17) Carbon Disulfide	4.263	76	162063	21.320	ug/l	99
18) Methyl Acetate	4.558	43	23065	20.324	ug/l	88
19) Methyl tert-butyl Ether	5.310	73	88435	19.948	ug/l	94
20) Methylene Chloride	4.799	84	60927	19.250	ug/l #	90
21) trans-1,2-Dichloroethene	5.310	96	50207	20.649	ug/l	85
22) Diisopropyl ether	6.216	45	130214	21.672	ug/l #	92
23) Vinyl Acetate	6.152	43	475426	104.520	ug/l #	92
24) 1,1-Dichloroethane	6.110	63	89156	21.165	ug/l	94
25) 2-Butanone	7.075	43	55510	102.003	ug/l	93
26) 2,2-Dichloropropane	7.069	77	74490	22.399	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	56978	21.390	ug/l	85
28) Bromochloromethane	7.428	49	35137	20.005	ug/l #	71
29) Tetrahydrofuran	7.452	42	33075	97.836	ug/l #	83
30) Chloroform	7.593	83	93243	21.458	ug/l	92
31) Cyclohexane	7.875	56	73898	21.122	ug/l	86
32) 1,1,1-Trichloroethane	7.793	97	79642	22.330	ug/l	97
36) 1,1-Dichloropropene	8.004	75	67801	22.637	ug/l	96
37) Ethyl Acetate	7.169	43	25902	22.719	ug/l #	93
38) Carbon Tetrachloride	7.993	117	69518	22.856	ug/l	99
39) Methylcyclohexane	9.269	83	81234	23.053	ug/l	92
40) Benzene	8.246	78	208764	22.341	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	11051	17.634	ug/l #	91
42) 1,2-Dichloroethane	8.322	62	49110	21.852	ug/l	97
43) Isopropyl Acetate	8.357	43	45371	20.620	ug/l	95
44) Trichloroethene	9.028	130	49104	23.005	ug/l	87
45) 1,2-Dichloropropane	9.299	63	51110	22.463	ug/l	92
46) Dibromomethane	9.393	93	28882	22.382	ug/l #	85
47) Bromodichloromethane	9.581	83	71770	22.728	ug/l	99
48) Methyl methacrylate	9.375	41	20867	21.018	ug/l	84
49) 1,4-Dioxane	9.387	88	5576	421.681	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	119808	104.633	ug/l	95
52) Toluene	10.328	92	127534	22.418	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	60584	21.244	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	76458	22.345	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	36914	22.179	ug/l	93
56) Ethyl methacrylate	10.593	69	39532	20.092	ug/l	92
57) 1,3-Dichloropropane	10.875	76	61280	21.535	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	91840	102.616	ug/l	90
59) 2-Hexanone	10.916	43	83203	102.323	ug/l	95
60) Dibromochloromethane	11.069	129	44813	21.330	ug/l	95
61) 1,2-Dibromoethane	11.181	107	33333	21.845	ug/l	91
64) Tetrachloroethene	10.810	164	40232	23.044	ug/l	92
65) Chlorobenzene	11.604	112	137765	22.104	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	45712	21.548	ug/l	95
67) Ethyl Benzene	11.681	91	233041	21.428	ug/l	96
68) m/p-Xylenes	11.787	106	180076	42.927	ug/l	83
69) o-Xylene	12.116	106	82799	21.972	ug/l	85
70) Styrene	12.134	104	147340	21.924	ug/l	95
71) Bromoform	12.298	173	23808	20.694	ug/l #	99
73) Isopropylbenzene	12.416	105	218921	23.002	ug/l	97
74) N-amyl acetate	12.228	43	46387	22.206	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	41578	20.957	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	25263m	19.718	ug/l	
77) Bromobenzene	12.698	156	47185	22.040	ug/l	80
78) n-propylbenzene	12.757	91	281036	23.065	ug/l	95
79) 2-Chlorotoluene	12.845	91	157115	23.065	ug/l	91
80) 1,3,5-Trimethylbenzene	12.898	105	183976	22.832	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.463	75	17402	25.203	ug/l #	85
82) 4-Chlorotoluene	12.945	91	163429	22.836	ug/l	91
83) tert-Butylbenzene	13.163	119	147771	22.639	ug/l	90
84) 1,2,4-Trimethylbenzene	13.210	105	186091	23.073	ug/l	95
85) sec-Butylbenzene	13.339	105	243114	23.408	ug/l	97
86) p-Isopropyltoluene	13.457	119	196877	22.966	ug/l	94
87) 1,3-Dichlorobenzene	13.451	146	101212	22.232	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	103455	22.866	ug/l	97
89) n-Butylbenzene	13.787	91	193125	22.959	ug/l	97
90) Hexachloroethane	14.051	117	43116	22.867	ug/l	87
91) 1,2-Dichlorobenzene	13.828	146	89222	22.774	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6033	22.181	ug/l	78
93) 1,2,4-Trichlorobenzene	15.092	180	46517	22.268	ug/l	98
94) Hexachlorobutadiene	15.198	225	28622	24.640	ug/l	90
95) Naphthalene	15.328	128	85379	20.940	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	39568	21.422	ug/l	96

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

