

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110921\
 Data File : VD070952.D
 Acq On : 09 Nov 2021 16:20
 Operator : VA/SY
 Sample : VD1109SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1109SBS01

Quant Time: Nov 10 03:57:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	350862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	635791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	584317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	264118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	188006	50.328	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.660%			
35) Dibromofluoromethane	7.909	113	179424	50.012	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.020%			
50) Toluene-d8	10.332	98	691598	49.224	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.440%			
62) 4-Bromofluorobenzene	12.620	95	246424	48.711	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	58247	19.431	ug/l	99
3) Chloromethane	2.209	50	72915	20.441	ug/l	99
4) Vinyl Chloride	2.344	62	69311	20.204	ug/l	98
5) Bromomethane	2.756	94	52611	22.500	ug/l	93
6) Chloroethane	2.915	64	43813	19.885	ug/l	92
7) Trichlorofluoromethane	3.268	101	102008	18.476	ug/l	100
8) Diethyl Ether	3.709	74	34655	18.966	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.091	101	59666	17.532	ug/l	97
10) Methyl Iodide	4.303	142	52629	17.397	ug/l	99
11) Tert butyl alcohol	5.220	59	25038	91.710	ug/l #	89
12) 1,1-Dichloroethene	4.062	96	60861	18.267	ug/l	90
13) Acrolein	3.920	56	10973	128.907	ug/l	93
14) Allyl chloride	4.709	41	126226	18.189	ug/l #	85
15) Acrylonitrile	5.420	53	79125	90.498	ug/l	97
16) Acetone	4.156	43	65229	79.334	ug/l	91
17) Carbon Disulfide	4.403	76	198025	18.407	ug/l	97
18) Methyl Acetate	4.715	43	61109	19.068	ug/l	91
19) Methyl tert-butyl Ether	5.473	73	161128	18.734	ug/l	99
20) Methylene Chloride	4.956	84	102275	23.858	ug/l	89
21) trans-1,2-Dichloroethene	5.467	96	69566	18.217	ug/l	87
22) Diisopropyl ether	6.356	45	257286	18.649	ug/l	96
23) Vinyl Acetate	6.303	43	583493	93.570	ug/l	97
24) 1,1-Dichloroethane	6.262	63	134043	18.191	ug/l	98
25) 2-Butanone	7.209	43	99137	90.214	ug/l #	89
26) 2,2-Dichloropropane	7.203	77	107879	17.346	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	80033	18.334	ug/l	94
28) Bromochloromethane	7.538	49	68726	21.989	ug/l	88
29) Tetrahydrofuran	7.556	42	70594	93.007	ug/l	90
30) Chloroform	7.703	83	127959	18.264	ug/l	99
31) Cyclohexane	7.979	56	131493	17.116	ug/l	90
32) 1,1,1-Trichloroethane	7.897	97	107804	17.916	ug/l	96
36) 1,1-Dichloropropene	8.108	75	99539	17.535	ug/l	98
37) Ethyl Acetate	7.291	43	47015	18.153	ug/l	96
38) Carbon Tetrachloride	8.091	117	89728	17.164	ug/l	97
39) Methylcyclohexane	9.350	83	123356	16.826	ug/l	99
40) Benzene	8.344	78	288143	18.024	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	27992	17.242	ug/l #	80
42) 1,2-Dichloroethane	8.414	62	84098	18.572	ug/l	96
43) Isopropyl Acetate	8.444	43	96301	17.570	ug/l #	89
44) Trichloroethene	9.108	130	72201	17.522	ug/l	92
45) 1,2-Dichloropropane	9.385	63	78216	18.091	ug/l	94
46) Dibromomethane	9.467	93	38193	18.559	ug/l	95
47) Bromodichloromethane	9.655	83	98622	18.119	ug/l #	99
48) Methyl methacrylate	9.450	41	48242	17.942	ug/l #	85
49) 1,4-Dioxane	9.455	88	8371	351.082	ug/l #	81
51) 4-Methyl-2-Pentanone	10.220	43	234146	88.113	ug/l	92
52) Toluene	10.397	92	179658	17.828	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	96224	17.530	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	117404	18.138	ug/l #	82
55) 1,1,2-Trichloroethane	10.797	97	50661	17.912	ug/l	97
56) Ethyl methacrylate	10.650	69	70973	17.735	ug/l #	75
57) 1,3-Dichloropropane	10.938	76	95617	18.616	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	211504	101.663	ug/l	99
59) 2-Hexanone	10.973	43	161843	88.855	ug/l	90
60) Dibromochloromethane	11.132	129	61859	18.231	ug/l	100
61) 1,2-Dibromoethane	11.238	107	48222	17.527	ug/l	98
64) Tetrachloroethene	10.873	164	58496	17.168	ug/l	98
65) Chlorobenzene	11.661	112	185004	17.745	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	66098	17.863	ug/l	99
67) Ethyl Benzene	11.738	91	344982	17.473	ug/l	97
68) m/p-Xylenes	11.844	106	260206	35.263	ug/l	95
69) o-Xylene	12.167	106	126689	18.050	ug/l	98
70) Styrene	12.185	104	213394	17.956	ug/l	98
71) Bromoform	12.355	173	33722	17.475	ug/l #	97
73) Isopropylbenzene	12.467	105	328116	17.244	ug/l	99
74) N-amyl acetate	12.279	43	92890	17.088	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	56417	17.226	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	43660m	19.352	ug/l	
77) Bromobenzene	12.749	156	73777	18.147	ug/l	97
78) n-propylbenzene	12.808	91	404125	17.141	ug/l	100
79) 2-Chlorotoluene	12.896	91	230109	17.117	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	272129	17.370	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	17652	17.416	ug/l #	86
82) 4-Chlorotoluene	12.996	91	239557	17.267	ug/l	100
83) tert-Butylbenzene	13.208	119	235426	17.445	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	270126	17.606	ug/l	99
85) sec-Butylbenzene	13.391	105	344380	16.974	ug/l	99
86) p-Isopropyltoluene	13.502	119	282942	17.367	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	140948	17.732	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	139078	17.475	ug/l	97
89) n-Butylbenzene	13.826	91	278514	17.011	ug/l	98
90) Hexachloroethane	14.096	117	56334	17.474	ug/l	93
91) 1,2-Dichlorobenzene	13.873	146	122307	17.757	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	8824	16.428	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	75673	17.172	ug/l	99
94) Hexachlorobutadiene	15.249	225	36913	16.609	ug/l	97
95) Naphthalene	15.379	128	146835	17.450	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	66156	17.855	ug/l	98

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

