

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110821\
 Data File : VD070934.D
 Acq On : 08 Nov 2021 14:30
 Operator : VA/SY
 Sample : VD1108SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1108SBS01

Quant Time: Nov 09 02:32:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 08 13:56:36 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/09/2021
 Supervised By :Mahesh Dadoda 11/10/2021

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	435795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	768906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	699375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	316085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	264578	49.432	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.860%		
35) Dibromofluoromethane	7.908	113	240870	50.005	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.020%		
50) Toluene-d8	10.332	98	944710	50.453	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.900%		
62) 4-Bromofluorobenzene	12.620	95	341084	48.253	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	83637	17.881	ug/l	99
3) Chloromethane	2.209	50	83506	18.013	ug/l	100
4) Vinyl Chloride	2.344	62	80592	17.961	ug/l	98
5) Bromomethane	2.750	94	51830	18.913	ug/l	94
6) Chloroethane	2.915	64	49520	17.656	ug/l	89
7) Trichlorofluoromethane	3.268	101	139863	16.939	ug/l	95
8) Diethyl Ether	3.703	74	43199	18.539	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.091	101	85688	18.182	ug/l	96
10) Methyl Iodide	4.297	142	65962	15.175	ug/l	99
11) Tert butyl alcohol	5.214	59	31488	90.831	ug/l #	71
12) 1,1-Dichloroethene	4.062	96	83037	18.255	ug/l	84
13) Acrolein	3.920	56	15473	142.117	ug/l	87
14) Allyl chloride	4.703	41	172766	18.069	ug/l #	86
15) Acrylonitrile	5.420	53	103555	100.184	ug/l	98
16) Acetone	4.156	43	94215	85.446	ug/l	91
17) Carbon Disulfide	4.403	76	271750	18.524	ug/l	100
18) Methyl Acetate	4.715	43	77673	19.770	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	210416	18.602	ug/l	98
20) Methylene Chloride	4.962	84	138105	23.371	ug/l #	87
21) trans-1,2-Dichloroethene	5.462	96	92512	17.961	ug/l	90
22) Diisopropyl ether	6.361	45	330415	18.911	ug/l	96
23) Vinyl Acetate	6.297	43	783181	95.569	ug/l	97
24) 1,1-Dichloroethane	6.256	63	176487	17.749	ug/l	99
25) 2-Butanone	7.208	43	133944	90.304	ug/l #	85
26) 2,2-Dichloropropane	7.203	77	154958	16.905	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	104528	18.177	ug/l	91
28) Bromochloromethane	7.544	49	88242	22.185	ug/l	88
29) Tetrahydrofuran	7.556	42	89164	98.532	ug/l	92
30) Chloroform	7.708	83	169399	17.567	ug/l	98
31) Cyclohexane	7.979	56	189104	18.062	ug/l #	88
32) 1,1,1-Trichloroethane	7.897	97	148021	16.618	ug/l	95
36) 1,1-Dichloropropene	8.108	75	135272	17.219	ug/l	97
37) Ethyl Acetate	7.291	43	66459	20.713	ug/l #	92
38) Carbon Tetrachloride	8.091	117	125853	16.501	ug/l	97
39) Methylcyclohexane	9.350	83	178878	17.736	ug/l	98
40) Benzene	8.344	78	371833	17.840	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	38413	18.211	ug/l #	78
42) 1,2-Dichloroethane	8.420	62	109621	17.087	ug/l	96
43) Isopropyl Acetate	8.444	43	127410	18.546	ug/l #	89
44) Trichloroethene	9.108	130	96325	17.195	ug/l	91
45) 1,2-Dichloropropane	9.379	63	101139	18.496	ug/l	100
46) Dibromomethane	9.467	93	49163	18.187	ug/l	94
47) Bromodichloromethane	9.655	83	128247	17.356	ug/l	97
48) Methyl methacrylate	9.450	41	65092	18.353	ug/l	84
49) 1,4-Dioxane	9.455	88	11651	387.701	ug/l	87
51) 4-Methyl-2-Pentanone	10.220	43	308260	95.392	ug/l	92
52) Toluene	10.397	92	234454	17.601	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	128645	17.464	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	151840	17.698	ug/l #	82
55) 1,1,2-Trichloroethane	10.791	97	65638	18.534	ug/l	93
56) Ethyl methacrylate	10.649	69	94226	18.179	ug/l #	77
57) 1,3-Dichloropropane	10.938	76	119487	18.263	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	290627	117.049	ug/l	99
59) 2-Hexanone	10.973	43	221053	92.091	ug/l	90
60) Dibromochloromethane	11.132	129	80637	17.841	ug/l	95
61) 1,2-Dibromoethane	11.238	107	63392	17.969	ug/l	99
64) Tetrachloroethene	10.867	164	77169	16.591	ug/l	92
65) Chlorobenzene	11.661	112	234603	17.006	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	83861	16.586	ug/l	98
67) Ethyl Benzene	11.738	91	461384	17.310	ug/l	98
68) m/p-Xylenes	11.844	106	340499	34.537	ug/l	95
69) o-Xylene	12.173	106	162490	17.209	ug/l	98
70) Styrene	12.185	104	271307	17.382	ug/l	96
71) Bromoform	12.349	173	42925	17.136	ug/l #	98
73) Isopropylbenzene	12.467	105	434005	16.721	ug/l	99
74) N-amyl acetate	12.279	43	122958	18.056	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.720	83	72954	18.417	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	55157m	17.319	ug/l	
77) Bromobenzene	12.749	156	90698	16.934	ug/l	91
78) n-propylbenzene	12.808	91	536585	16.926	ug/l	100
79) 2-Chlorotoluene	12.896	91	301027	16.533	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	356645	16.562	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.514	75	23845	17.765	ug/l #	85
82) 4-Chlorotoluene	12.991	91	306967	16.315	ug/l	100
83) tert-Butylbenzene	13.214	119	302979	16.332	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	346464	16.546	ug/l	97
85) sec-Butylbenzene	13.391	105	462530	16.798	ug/l	99
86) p-Isopropyltoluene	13.502	119	374132	16.604	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	176919	16.898	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	177451	17.110	ug/l	97
89) n-Butylbenzene	13.826	91	377476	16.965	ug/l	100
90) Hexachloroethane	14.096	117	72328	16.327	ug/l	91
91) 1,2-Dichlorobenzene	13.873	146	154845	17.208	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	12202	16.611	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	99232	17.107	ug/l	99
94) Hexachlorobutadiene	15.249	225	51492	16.402	ug/l	99
95) Naphthalene	15.379	128	189474	17.593	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	84694	17.397	ug/l	97

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

