

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD070983.D
 Acq On : 11 Nov 2021 11:12
 Operator : VA/SY
 Sample : VD1111SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBS01

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 12 07:57:45 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	300864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	533328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	484104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	218956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	159326	49.738	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.480%		
35) Dibromofluoromethane	7.908	113	148986	49.506	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.020%		
50) Toluene-d8	10.332	98	569243	48.299	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.600%		
62) 4-Bromofluorobenzene	12.620	95	200356	47.214	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	53796	20.928	ug/l	100
3) Chloromethane	2.209	50	66820	21.845	ug/l	96
4) Vinyl Chloride	2.350	62	68262	23.205	ug/l	97
5) Bromomethane	2.756	94	46213	23.048	ug/l	93
6) Chloroethane	2.915	64	42071	22.268	ug/l	97
7) Trichlorofluoromethane	3.268	101	94087	19.874	ug/l	98
8) Diethyl Ether	3.715	74	27228	17.378	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.097	101	53139	18.209	ug/l	94
10) Methyl Iodide	4.297	142	42957	16.849	ug/l	96
11) Tert butyl alcohol	5.214	59	19245	82.206	ug/l #	86
12) 1,1-Dichloroethene	4.067	96	52095	18.234	ug/l	86
13) Acrolein	3.920	56	7829	106.336	ug/l	96
14) Allyl chloride	4.709	41	103139	17.332	ug/l #	84
15) Acrylonitrile	5.414	53	66218	88.322	ug/l	97
16) Acetone	4.156	43	55664	79.047	ug/l	90
17) Carbon Disulfide	4.409	76	162494	17.615	ug/l	100
18) Methyl Acetate	4.715	43	50439	18.354	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	132635	17.984	ug/l	95
20) Methylene Chloride	4.967	84	74478	20.196	ug/l	91
21) trans-1,2-Dichloroethene	5.467	96	59202	18.079	ug/l	87
22) Diisopropyl ether	6.361	45	204498	17.286	ug/l	93
23) Vinyl Acetate	6.303	43	482610	90.997	ug/l	100
24) 1,1-Dichloroethane	6.261	63	111226	17.602	ug/l	99
25) 2-Butanone	7.208	43	86666	91.575	ug/l	90
26) 2,2-Dichloropropane	7.203	77	94113	17.648	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	65283	17.440	ug/l	92
28) Bromochloromethane	7.544	49	55132	20.571	ug/l	88
29) Tetrahydrofuran	7.561	42	55585	85.403	ug/l	94
30) Chloroform	7.708	83	106712	17.763	ug/l	95
31) Cyclohexane	7.985	56	115335	17.508	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	93411	18.104	ug/l	96
36) 1,1-Dichloropropene	8.108	75	85157	17.883	ug/l	97
37) Ethyl Acetate	7.285	43	38931	17.920	ug/l #	91
38) Carbon Tetrachloride	8.097	117	79987	18.240	ug/l	99
39) Methylcyclohexane	9.350	83	107650	17.504	ug/l	99
40) Benzene	8.350	78	232920	17.369	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	23601	17.313	ug/l #	74
42) 1,2-Dichloroethane	8.420	62	70474	18.554	ug/l	93
43) Isopropyl Acetate	8.450	43	80507	17.510	ug/l #	89
44) Trichloroethene	9.108	130	60148	17.401	ug/l	91
45) 1,2-Dichloropropane	9.385	63	62381	17.201	ug/l	99
46) Dibromomethane	9.467	93	30309	17.558	ug/l	94
47) Bromodichloromethane	9.655	83	82589	18.088	ug/l	94
48) Methyl methacrylate	9.450	41	39316	17.431	ug/l #	84
49) 1,4-Dioxane	9.455	88	7259	362.935	ug/l #	90
51) 4-Methyl-2-Pentanone	10.220	43	193307	86.721	ug/l	92
52) Toluene	10.397	92	145448	17.206	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	79569	17.281	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	93700	17.257	ug/l #	84
55) 1,1,2-Trichloroethane	10.791	97	41129	17.335	ug/l	93
56) Ethyl methacrylate	10.655	69	56191	16.739	ug/l #	75
57) 1,3-Dichloropropane	10.938	76	75740	17.579	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	172831	99.035	ug/l	98
59) 2-Hexanone	10.979	43	131299	86.458	ug/l	89
60) Dibromochloromethane	11.132	129	50892	17.881	ug/l	99
61) 1,2-Dibromoethane	11.238	107	40644	17.611	ug/l	97
64) Tetrachloroethene	10.873	164	49683	17.600	ug/l	92
65) Chlorobenzene	11.661	112	150780	17.456	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	53716	17.521	ug/l	98
67) Ethyl Benzene	11.738	91	282449	17.267	ug/l	100
68) m/p-Xylenes	11.844	106	214238	35.043	ug/l	96
69) o-Xylene	12.173	106	102979	17.709	ug/l	97
70) Styrene	12.185	104	173486	17.620	ug/l	98
71) Bromoform	12.349	173	27815	17.398	ug/l #	99
73) Isopropylbenzene	12.473	105	271310	17.200	ug/l	99
74) N-amyl acetate	12.279	43	74368	16.503	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	47944	17.659	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	30032m	16.057	ug/l	
77) Bromobenzene	12.755	156	60544	17.964	ug/l	97
78) n-propylbenzene	12.808	91	336289	17.206	ug/l	99
79) 2-Chlorotoluene	12.896	91	187502	16.825	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	223440	17.204	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	14211	17.009	ug/l #	83
82) 4-Chlorotoluene	12.996	91	201492	17.519	ug/l	97
83) tert-Butylbenzene	13.214	119	187101	16.724	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	220921	17.369	ug/l	98
85) sec-Butylbenzene	13.391	105	290448	17.268	ug/l	100
86) p-Isopropyltoluene	13.502	119	235150	17.411	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	116604	17.695	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	116661	17.682	ug/l	97
89) n-Butylbenzene	13.832	91	234075	17.246	ug/l	100
90) Hexachloroethane	14.096	117	45305	16.952	ug/l	93
91) 1,2-Dichlorobenzene	13.873	146	101147	17.714	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	7130	16.012	ug/l	92
93) 1,2,4-Trichlorobenzene	15.143	180	65129	17.828	ug/l	98
94) Hexachlorobutadiene	15.249	225	33260	18.052	ug/l	99
95) Naphthalene	15.379	128	117995	16.915	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	54255	17.663	ug/l	97

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

