

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011322\
 Data File : VD071705.D
 Acq On : 13 Jan 2022 12:57
 Operator : VA/SY
 Sample : N1106-09REMS
 Misc : 5.45G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SO-0022C-02-6REMS

Quant Time: Jan 13 14:30:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/14/2022
 Supervised By : Mahesh Dadoda 01/14/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	68441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	119606	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	118762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	57571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	75308	85.515	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 171.040%#			
35) Dibromofluoromethane	7.909	113	48567	61.442	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 122.880%			
50) Toluene-d8	10.332	98	154733	52.294	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.580%			
62) 4-Bromofluorobenzene	12.620	95	60524	58.049	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 116.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	22312	42.941	ug/l	90
3) Chloromethane	2.209	50	34611	50.918	ug/l	97
4) Vinyl Chloride	2.350	62	37133	43.637	ug/l	94
5) Bromomethane	2.768	94	30587	53.860	ug/l	92
6) Chloroethane	2.921	64	29956	49.398	ug/l	95
7) Trichlorofluoromethane	3.268	101	51426	42.630	ug/l	97
8) Diethyl Ether	3.709	74	25788	81.279	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.097	101	29965	42.498	ug/l	98
10) Methyl Iodide	4.303	142	25900	38.419	ug/l	100
11) Tert butyl alcohol	5.226	59	46832	1016.236	ug/l	96
12) 1,1-Dichloroethene	4.062	96	27542	45.014	ug/l	86
13) Acrolein	3.926	56	55924	650.632	ug/l	95
14) Allyl chloride	4.715	41	59858	49.339	ug/l	96
15) Acrylonitrile	5.420	53	151863	905.718	ug/l	97
16) Acetone	4.156	43	205976	1013.072	ug/l	98
17) Carbon Disulfide	4.409	76	63304	41.303	ug/l #	94
18) Methyl Acetate	4.720	43	108375	186.773	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	151605	93.868	ug/l	95
20) Methylene Chloride	4.968	84	43129	57.779	ug/l	98
21) trans-1,2-Dichloroethene	5.479	96	32338	46.282	ug/l	89
22) Diisopropyl ether	6.362	45	176175	67.439	ug/l	90
23) Vinyl Acetate	6.309	43	638887	524.058	ug/l	99
24) 1,1-Dichloroethane	6.267	63	77210	51.779	ug/l	96
25) 2-Butanone	7.209	43	227211	945.843	ug/l	97
26) 2,2-Dichloropropane	7.209	77	57857	46.206	ug/l	98
27) cis-1,2-Dichloroethene	7.209	96	44554	54.024	ug/l	97
28) Bromochloromethane	7.538	49	53525	73.685	ug/l #	96
29) Tetrahydrofuran	7.562	42	133693	967.435	ug/l	98
30) Chloroform	7.709	83	82653	54.205	ug/l	94
31) Cyclohexane	7.985	56	47606	39.122	ug/l #	90
32) 1,1,1-Trichloroethane	7.903	97	61857	46.027	ug/l	99
36) 1,1-Dichloropropene	8.109	75	46304	41.066	ug/l	97
37) Ethyl Acetate	7.291	43	86832	165.927	ug/l	96
38) Carbon Tetrachloride	8.097	117	50220	43.981	ug/l	96
39) Methylcyclohexane	9.356	83	38666	31.748	ug/l	88
40) Benzene	8.344	78	150943	48.587	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	46996	143.497	ug/l	92
42) 1,2-Dichloroethane	8.420	62	81114	77.133	ug/l	98
43) Isopropyl Acetate	8.450	43	136928	139.001	ug/l	94
44) Trichloroethene	9.108	130	37000	46.279	ug/l	94
45) 1,2-Dichloropropane	9.385	63	49379	58.798	ug/l	97
46) Dibromomethane	9.473	93	37412	87.034	ug/l	97
47) Bromodichloromethane	9.656	83	74831	63.407	ug/l	99
48) Methyl methacrylate	9.456	41	66504	133.596	ug/l	93
49) 1,4-Dioxane	9.450	88	18736	4347.550	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	438187	842.123	ug/l	99
52) Toluene	10.397	92	93191	47.655	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	79952	77.229	ug/l	92
54) cis-1,3-Dichloropropene	10.085	75	78524	64.329	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	51221	90.895	ug/l	92
56) Ethyl methacrylate	10.655	69	76203	110.322	ug/l	98
57) 1,3-Dichloropropane	10.938	76	92014	88.361	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.938	63	224771	589.464	ug/l	100
59) 2-Hexanone	10.979	43	334697	920.945	ug/l	99
60) Dibromochloromethane	11.132	129	57770	80.540	ug/l	100
61) 1,2-Dibromoethane	11.238	107	53976	100.115	ug/l	98
64) Tetrachloroethene	10.873	164	28769	41.239	ug/l	96
65) Chlorobenzene	11.661	112	107421	47.267	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	45468	52.765	ug/l	98
67) Ethyl Benzene	11.738	91	169298	40.578	ug/l	99
68) m/p-Xylenes	11.844	106	128556	82.847	ug/l	97
69) o-Xylene	12.173	106	64920	44.202	ug/l	99
70) Styrene	12.185	104	120374	47.816	ug/l	99
71) Bromoform	12.355	173	41363	98.305	ug/l #	98
73) Isopropylbenzene	12.467	105	158839	38.392	ug/l	98
74) N-amyl acetate	12.279	43	114398	112.724	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	84223	114.882	ug/l	96
76) 1,2,3-Trichloropropane	12.773	75	69810m	125.491	ug/l	
77) Bromobenzene	12.749	156	47575	53.235	ug/l	83
78) n-propylbenzene	12.808	91	194835	37.445	ug/l	99
79) 2-Chlorotoluene	12.897	91	119447	40.730	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	136416	39.463	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.514	75	25525	127.919	ug/l	98
82) 4-Chlorotoluene	12.997	91	132930	43.691	ug/l	99
83) tert-Butylbenzene	13.214	119	113306	38.359	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	137462	40.211	ug/l	99
85) sec-Butylbenzene	13.391	105	154234	34.091	ug/l	98
86) p-Isopropyltoluene	13.502	119	128647	34.634	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	84541	45.839	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	88357	46.960	ug/l	99
89) n-Butylbenzene	13.832	91	111655	30.016	ug/l	97
90) Hexachloroethane	14.102	117	28597	38.913	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	82568	52.238	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.491	75	16802	142.593	ug/l	92
93) 1,2,4-Trichlorobenzene	15.143	180	42133	46.254	ug/l	99
94) Hexachlorobutadiene	15.249	225	12462	23.336	ug/l	96
95) Naphthalene	15.385	128	153169	94.971	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	42272	54.461	ug/l	97

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

