

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021120.D
 Acq On : 04 Dec 2021 16:03
 Operator : SY/VA
 Sample : M4881-22REMSD
 Misc : 4.39g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9F6REMSD

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/07/2021
 Supervised By :Mahesh Dadoda 12/08/2021

Quant Time: Dec 06 00:50:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	80988	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.627	117	58651	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	15952	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	46200	40.944	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 163.760%#			
7) Chloroethane-d5	2.885	69	29097	38.521	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 154.080%#			
11) 1,1-Dichloroethene-d2	4.013	63	59212	32.848	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 131.400%#			
21) 2-Butanone-d5	7.079	46	14455	56.163	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.320%			
24) Chloroform-d	7.646	84	67633	33.346	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 133.400%			
26) 1,2-Dichloroethane-d4	8.305	65	33924	30.573	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 122.280%			
32) Benzene-d6	8.274	84	119195	39.747	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 159.000%#			
36) 1,2-Dichloropropane-d6	9.274	67	34099	40.916	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 163.680%#			
41) Toluene-d8	10.323	98	102609	33.369	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 133.480%#			
43) trans-1,3-Dichloroprop...	10.579	79	11996	31.701	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 126.800%			
47) 2-Hexanone-d5	10.926	63	10737	67.339	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 134.680%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	23027	29.867	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 119.480%			
66) 1,2-Dichlorobenzene-d4	13.853	152	14825	25.938	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	14302	36.154	ug/L	97
3) Chloromethane	2.214	50	31325	35.371	ug/L	98
5) Vinyl chloride	2.361	62	52703	34.257	ug/L	97
6) Bromomethane	2.775	94	33841	33.081	ug/L	97
8) Chloroethane	2.916	64	22940	35.778	ug/L	99
9) Trichlorofluoromethane	3.257	101	23960	32.253	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	35487	30.519	ug/L	91
12) 1,1-Dichloroethene	4.043	96	31430	29.899	ug/L	75
13) Acetone	4.129	43	11868	50.621	ug/L	90
14) Carbon disulfide	4.385	76	76210	26.118	ug/L	100
15) Methyl Acetate	4.671	43	11700m	27.523	ug/L	
16) Methylene chloride	4.915	84	34579	27.101	ug/L	84
17) trans-1,2-Dichloroethene	5.421	96	30587	27.328	ug/L	81
18) Methyl tert-butyl Ether	5.427	73	54693	32.376	ug/L	94
19) 1,1-Dichloroethane	6.220	63	54949	30.960	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	33070	27.850	ug/L	74
22) 2-Butanone	7.171	43	17324	53.395	ug/L	88
23) Bromochloromethane	7.518	128	17051	30.690	ug/L #	57
25) Chloroform	7.677	83	60572	30.403	ug/L	97

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27) 1,2-Dichloroethane	8.396	62	39544	30.342	ug/L	98
29) Cyclohexane	7.957	56	48445	37.442	ug/L #	82
30) 1,1,1-Trichloroethane	7.872	97	55742	40.762	ug/L	95
31) Carbon tetrachloride	8.073	117	49961	39.317	ug/L	98
33) Benzene	8.323	78	120862	36.237	ug/L	100
34) Trichloroethene	9.091	95	50021	54.362	ug/L	95
35) Methylcyclohexane	9.335	83	50956	32.900	ug/L #	85
37) 1,2-Dichloropropane	9.366	63	28628	37.977	ug/L #	96
38) Bromodichloromethane	9.646	83	39369	37.151	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	39842	32.675	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	35273	68.686	ug/L #	94
42) Toluene	10.390	91	122734	32.218	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	30029	27.221	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	21753	34.419	ug/L	95
46) Tetrachloroethene	10.859	164	74236	88.106	ug/L	97
48) 2-Hexanone	10.969	43	24314	65.632	ug/L #	96
49) Dibromochloromethane	11.128	129	25113	31.793	ug/L	92
50) 1,2-Dibromoethane	11.231	107	18864	29.269	ug/L #	95
51) Chlorobenzene	11.658	112	58934	23.153	ug/L	92
52) Ethylbenzene	11.731	91	120132	28.012	ug/L	95
53) m,p-Xylene	11.841	106	47407	26.721	ug/L	87
54) o-Xylene	12.164	106	44517	26.614	ug/L	100
55) Styrene	12.176	104	50358	17.670	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	21530	28.323	ug/L #	98
59) Bromoform	12.347	173	11899	52.306	ug/L #	96
60) Isopropylbenzene	12.463	105	126394	57.012	ug/L	97
61) 1,2,3-Trichloropropane	12.767	75	16072	60.145	ug/L	94
62) 1,3,5-Trimethylbenzene	12.944	105	94508	50.905	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	78923	42.267	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	26422	25.312	ug/L	90
65) 1,4-Dichlorobenzene	13.578	146	22776	21.589	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	22112	23.791	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	2558	42.392	ug/L #	75
69) 1,3,5-Trichlorobenzene	14.627	180	13624	17.758	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	6489	10.293	ug/L	96
71) Naphthalene	15.358	128	10901	9.302	ug/L	100
72) 1,2,3-Trichlorobenzene	15.547	180	5634	10.240	ug/L	99

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

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