

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021115.D
 Acq On : 04 Dec 2021 13:48
 Operator : SY/VA
 Sample : M4885-18MS
 Misc : 5.99g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9M4MS

Quant Time: Dec 06 00:49:11 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

Manual Integrations APPROVED

Reviewed By :Semsettin
 Yesilyurt

12/07/2021
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	24460	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	24444	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	13088	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.355	65	11212	32.900	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 131.600%	
7) Chloroethane-d5	2.885	69	9637	42.243	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 168.960%#	
11) 1,1-Dichloroethene-d2	4.019	63	16418	30.157	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 120.640%#	
21) 2-Butanone-d5	7.080	46	3712	47.753	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 95.500%	
24) Chloroform-d	7.653	84	16825	27.466	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 109.880%	
26) 1,2-Dichloroethane-d4	8.311	65	8853	26.417	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 105.680%	
32) Benzene-d6	8.275	84	32111	25.692	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 102.760%	
36) 1,2-Dichloropropane-d6	9.275	67	8790	25.307	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 101.240%	
41) Toluene-d8	10.323	98	30895	24.107	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 96.440%	
43) trans-1,3-Dichloroprop...	10.579	79	3706	23.498	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 94.000%	
47) 2-Hexanone-d5	10.927	63	2948	44.362	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 88.720%	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	7241	22.535	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 90.120%	
66) 1,2-Dichlorobenzene-d4	13.847	152	10867	23.173	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 92.680%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.001	85	765	6.403	ug/L	92
3) Chloromethane	2.221	50	6761	25.278	ug/L	95
5) Vinyl chloride	2.367	62	12152	26.153	ug/L	95
6) Bromomethane	2.782	94	8122	26.288	ug/L	96
8) Chloroethane	2.922	64	7684	39.680	ug/L	99
9) Trichlorofluoromethane	3.263	101	13934	62.105	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	8635	24.588	ug/L #	82
12) 1,1-Dichloroethene	4.038	96	7578	23.868	ug/L	80
13) Acetone	4.123	43	3385	47.805	ug/L	76
14) Carbon disulfide	4.385	76	20712	23.503	ug/L	98
15) Methyl Acetate	4.678	43	2903	22.611	ug/L #	91
16) Methylene chloride	4.922	84	8406	21.813	ug/L	81
17) trans-1,2-Dichloroethene	5.434	96	8222	24.322	ug/L	82
18) Methyl tert-butyl Ether	5.434	73	16989	33.298	ug/L #	78
19) 1,1-Dichloroethane	6.226	63	12963	24.183	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	8493	23.682	ug/L	75
22) 2-Butanone	7.177	43	4419	45.097	ug/L	91
23) Bromochloromethane	7.519	128	4162	24.803	ug/L #	67
25) Chloroform	7.683	83	14819	24.628	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
27) 1,2-Dichloroethane	8.403	62	9670	24.567	ug/L	#	94
29) Cyclohexane	7.964	56	11935	22.133	ug/L	#	84
30) 1,1,1-Trichloroethane	7.878	97	13336	23.399	ug/L		94
31) Carbon tetrachloride	8.067	117	12281	23.189	ug/L		99
33) Benzene	8.323	78	31675	22.787	ug/L		100
34) Trichloroethene	9.092	95	10077	26.277	ug/L	#	87
35) Methylcyclohexane	9.335	83	14576	22.581	ug/L	#	85
37) 1,2-Dichloropropane	9.366	63	7024	22.357	ug/L	#	96
38) Bromodichloromethane	9.640	83	9078	20.555	ug/L		96
39) cis-1,3-Dichloropropene	10.073	75	10683	21.022	ug/L		93
40) 4-Methyl-2-pentanone	10.207	43	8515	39.785	ug/L	#	90
42) Toluene	10.390	91	35061	22.083	ug/L		94
44) trans-1,3-Dichloropropene	10.610	75	9153	19.908	ug/L		100
45) 1,1,2-Trichloroethane	10.786	97	6193	23.512	ug/L		89
46) Tetrachloroethene	10.860	164	43157	122.899	ug/L		95
48) 2-Hexanone	10.969	43	6117	39.619	ug/L	#	93
49) Dibromochloromethane	11.128	129	6482	19.690	ug/L		97
50) 1,2-Dibromoethane	11.238	107	5998	22.330	ug/L	#	99
51) Chlorobenzene	11.658	112	22688	21.386	ug/L	#	87
52) Ethylbenzene	11.725	91	37242	20.836	ug/L		99
53) m,p-Xylene	11.841	106	15073	20.385	ug/L		85
54) o-Xylene	12.164	106	14024	20.117	ug/L		99
55) Styrene	12.176	104	23261	19.584	ug/L		89
57) 1,1,2,2-Tetrachloroethane	12.713	83	6750	21.306	ug/L		98
59) Bromoform	12.347	173	3337	17.879	ug/L	#	98
60) Isopropylbenzene	12.463	105	37747	20.752	ug/L		95
61) 1,2,3-Trichloropropane	12.768	75	4961	22.628	ug/L	#	91
62) 1,3,5-Trimethylbenzene	12.939	105	31058	20.389	ug/L		94
63) 1,2,4-Trimethylbenzene	13.249	105	30819	20.117	ug/L		95
64) 1,3-Dichlorobenzene	13.499	146	18386	21.468	ug/L		90
65) 1,4-Dichlorobenzene	13.579	146	17293	19.978	ug/L		97
67) 1,2-Dichlorobenzene	13.865	146	16374	21.472	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.481	75	918m	18.543	ug/L		
69) 1,3,5-Trichlorobenzene	14.627	180	12019	19.095	ug/L		97
70) 1,2,4-trichlorobenzene	15.127	180	10379	20.067	ug/L		89
71) Naphthalene	15.359	128	16962	17.641	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	7902	17.506	ug/L		96

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

