

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122521\
 Data File : VW021648.D
 Acq On : 25 Dec 2021 16:09
 Operator : SY/VA
 Sample : M5174-10REMS
 Misc : 3.49g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBC20REMS

Quant Time: Dec 27 00:41:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 01:43:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	111913	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	88806	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	25368	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	32591	15.990	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.960%
7) Chloroethane-d5	2.879	69	26793	19.885	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.520%
11) 1,1-Dichloroethene-d2	4.013	63	55257	20.335	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.320%
21) 2-Butanone-d5	7.092	46	20762	72.264	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.520%#
24) Chloroform-d	7.647	84	81428	26.109	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.440%
26) 1,2-Dichloroethane-d4	8.305	65	43571	26.264	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.040%
32) Benzene-d6	8.274	84	132495	27.219	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.880%
36) 1,2-Dichloropropane-d6	9.274	67	40956	31.372	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.480%#
41) Toluene-d8	10.323	98	117257	23.576	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.320%
43) trans-1,3-Dichloroprop...	10.579	79	16338	27.180	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.720%
47) 2-Hexanone-d5	10.926	63	16993	88.026	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	176.060%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	34864	31.066	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.280%#
66) 1,2-Dichlorobenzene-d4	13.853	152	20690	21.045	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.160%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	11850	27.405	ug/L	99
3) Chloromethane	2.209	50	32247	22.526	ug/L	97
5) Vinyl chloride	2.355	62	45769	20.366	ug/L	99
6) Bromomethane	2.775	94	26590	18.241	ug/L	100
8) Chloroethane	2.916	64	22771	21.994	ug/L	98
9) Trichlorofluoromethane	3.251	101	28174	23.760	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	37796	24.458	ug/L	90
12) 1,1-Dichloroethene	4.031	96	32828	23.665	ug/L	82
13) Acetone	4.153	43	14859	57.690	ug/L	95
14) Carbon disulfide	4.385	76	70558	19.696	ug/L	98
15) Methyl Acetate	4.684	43	13330	29.995	ug/L	# 89
16) Methylene chloride	4.909	84	36220	19.587	ug/L	82
17) trans-1,2-Dichloroethene	5.427	96	35423	23.584	ug/L	85
18) Methyl tert-butyl Ether	5.434	73	64963	31.316	ug/L	94
19) 1,1-Dichloroethane	6.214	63	62491	26.514	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	40363	25.478	ug/L	75
22) 2-Butanone	7.183	43	18635	55.402	ug/L	85
23) Bromochloromethane	7.519	128	19988	26.983	ug/L	# 63
25) Chloroform	7.677	83	72813	26.612	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	47007	27.130	ug/L	98
29) Cyclohexane	7.951	56	48016	27.165	ug/L #	80
30) 1,1,1-Trichloroethane	7.872	97	63052	31.644	ug/L	95
31) Carbon tetrachloride	8.067	117	56937	30.976	ug/L	99
33) Benzene	8.323	78	160287	33.133	ug/L	100
34) Trichloroethene	9.091	95	60549	44.586	ug/L	96
35) Methylcyclohexane	9.335	83	53895	24.059	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	34085	31.587	ug/L #	95
38) Bromodichloromethane	9.646	83	50812	34.247	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	52828	31.057	ug/L	96
40) 4-Methyl-2-pentanone	10.213	43	44217	75.203	ug/L #	90
42) Toluene	10.390	91	172179	30.431	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	45241	30.365	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	28985	32.818	ug/L	91
46) Tetrachloroethene	10.859	164	136502	105.810	ug/L	94
48) 2-Hexanone	10.969	43	29461	69.095	ug/L #	92
49) Dibromochloromethane	11.128	129	34038	31.262	ug/L	93
50) 1,2-Dibromoethane	11.237	107	27906	31.749	ug/L #	94
51) Chlorobenzene	11.658	112	76957	20.316	ug/L	96
52) Ethylbenzene	11.731	91	154064	23.828	ug/L	94
53) m,p-Xylene	11.835	106	56444	21.640	ug/L	86
54) o-Xylene	12.164	106	55178	22.291	ug/L	90
55) Styrene	12.176	104	64603	15.335	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	29423	29.061	ug/L #	98
59) Bromoform	12.347	173	16853	55.834	ug/L	100
60) Isopropylbenzene	12.463	105	147898	42.906	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	21988	59.556	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.938	105	101269	34.525	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	87788	30.339	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	31411	19.319	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	32187	19.925	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	28848	20.154	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	3425	44.975	ug/L #	64
69) 1,3,5-Trichlorobenzene	14.627	180	14725	12.117	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	7363	7.533	ug/L	95
71) Naphthalene	15.365	128	10220	6.436	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	6003	7.431	ug/L	97

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

