

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
 Data File : VW021178.D
 Acq On : 06 Dec 2021 18:48
 Operator : SY/VA
 Sample : M4888-07MS
 Misc : 6.85g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EX8B3MS

Quant Time: Dec 07 01:53:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 07 01:47:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.836	114	111991	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	104008	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	53681	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	38490	24.668	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.680%
7) Chloroethane-d5	2.879	69	26664	25.528	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.120%
11) 1,1-Dichloroethene-d2	4.019	63	51960	20.845	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.400%
21) 2-Butanone-d5	7.074	46	17845	50.140	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.280%
24) Chloroform-d	7.647	84	65152	23.230	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.920%
26) 1,2-Dichloroethane-d4	8.305	65	37162	24.220	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.880%
32) Benzene-d6	8.275	84	120602	22.678	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.720%
36) 1,2-Dichloropropane-d6	9.275	67	35027	23.701	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.800%
41) Toluene-d8	10.317	98	117951	21.631	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.520%
43) trans-1,3-Dichloroprop...	10.573	79	15866	23.643	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.560%
47) 2-Hexanone-d5	10.921	63	15335	54.234	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.460%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	33659	24.618	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	42937	22.324	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.280%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	15197	27.781	ug/L	95
3) Chloromethane	2.215	50	28167	23.001	ug/L	99
5) Vinyl chloride	2.355	62	47729	22.435	ug/L	98
6) Bromomethane	2.770	94	31800	22.480	ug/L	99
8) Chloroethane	2.916	64	20691	23.337	ug/L	97
9) Trichlorofluoromethane	3.245	101	16752	16.308	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	32616	20.285	ug/L	93
12) 1,1-Dichloroethene	4.044	96	29162	20.061	ug/L	75
13) Acetone	4.123	43	12570	38.773	ug/L	91
14) Carbon disulfide	4.385	76	75655	18.750	ug/L	98
15) Methyl Acetate	4.666	43	13327	22.672	ug/L	# 89
16) Methylene chloride	4.909	84	33495	18.984	ug/L	86
17) trans-1,2-Dichloroethene	5.422	96	31430	20.307	ug/L	84
18) Methyl tert-butyl Ether	5.422	73	53912	23.079	ug/L	94
19) 1,1-Dichloroethane	6.208	63	51222	20.871	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	33537	20.424	ug/L	73
22) 2-Butanone	7.171	43	18814	41.935	ug/L	89
23) Bromochloromethane	7.519	128	16496	21.471	ug/L	# 62
25) Chloroform	7.677	83	57934	21.029	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	41456	23.004	ug/L	96
29) Cyclohexane	7.958	56	44154	19.244	ug/L #	81
30) 1,1,1-Trichloroethane	7.872	97	49620	20.461	ug/L	95
31) Carbon tetrachloride	8.074	117	45123	20.024	ug/L	99
33) Benzene	8.323	78	121645	20.567	ug/L	100
34) Trichloroethene	9.092	95	34395	21.079	ug/L	95
35) Methylcyclohexane	9.329	83	49537	18.036	ug/L	85
37) 1,2-Dichloropropane	9.366	63	29008	21.700	ug/L #	96
38) Bromodichloromethane	9.646	83	41302	21.979	ug/L #	96
39) cis-1,3-Dichloropropene	10.073	75	46810	21.648	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	41348	45.403	ug/L #	92
42) Toluene	10.384	91	137973	20.424	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	42395	21.671	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	25600	22.842	ug/L	94
46) Tetrachloroethene	10.866	164	75834	50.753	ug/L	88
48) 2-Hexanone	10.963	43	31032	47.237	ug/L #	94
49) Dibromochloromethane	11.128	129	30645	21.878	ug/L	90
50) 1,2-Dibromoethane	11.232	107	26072	22.812	ug/L	97
51) Chlorobenzene	11.658	112	87453	19.374	ug/L	91
52) Ethylbenzene	11.725	91	147503	19.395	ug/L	98
53) m,p-Xylene	11.835	106	59671	18.966	ug/L	90
54) o-Xylene	12.164	106	60457	20.381	ug/L	96
55) Styrene	12.176	104	103661	20.511	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	30481	22.611	ug/L #	90
59) Bromoform	12.347	173	17813	23.269	ug/L #	98
60) Isopropylbenzene	12.463	105	156193	20.936	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	22943	25.514	ug/L	94
62) 1,3,5-Trimethylbenzene	12.938	105	131718	21.083	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	133124	21.186	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	65407	18.620	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	66971	18.864	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	63472	20.293	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	5089	25.062	ug/L #	68
69) 1,3,5-Trichlorobenzene	14.627	180	41281	15.990	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	30227	14.248	ug/L	99
71) Naphthalene	15.359	128	83162	21.087	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	28411	15.345	ug/L	98

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

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