

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
 Data File : VW021490.D
 Acq On : 20 Dec 2021 11:23
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025520

Quant Time: Dec 20 16:35:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	124080	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	121710	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	69044	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	45463	20.118	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.480%
7) Chloroethane-d5	2.885	69	31828	21.305	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.240%
11) 1,1-Dichloroethene-d2	4.019	63	81621	27.092	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	108.360%
21) 2-Butanone-d5	7.074	46	17781	55.819	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.640%
24) Chloroform-d	7.653	84	93002	26.896	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.600%
26) 1,2-Dichloroethane-d4	8.305	65	49201	26.749	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	8.275	84	173791	26.050	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.200%
36) 1,2-Dichloropropane-d6	9.274	67	47008	26.274	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.080%
41) Toluene-d8	10.323	98	174161	25.550	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.200%
43) trans-1,3-Dichloroprop...	10.579	79	21476	26.069	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.280%
47) 2-Hexanone-d5	10.927	63	14848	56.121	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.240%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	38588	25.089	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	63484	23.725	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.880%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	8621	17.982	ug/L	98
3) Chloromethane	2.215	50	32755	20.637	ug/L	99
5) Vinyl chloride	2.361	62	50933	20.441	ug/L	97
6) Bromomethane	2.782	94	30894	19.116	ug/L	95
8) Chloroethane	2.922	64	24149	21.038	ug/L	100
9) Trichlorofluoromethane	3.263	101	37565	28.573	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	44534	25.992	ug/L	91
12) 1,1-Dichloroethene	4.038	96	39756	25.849	ug/L	85
13) Acetone	4.135	43	13685	47.922	ug/L	92
14) Carbon disulfide	4.385	76	96820	24.376	ug/L	99
15) Methyl Acetate	4.678	43	12939	26.260	ug/L	# 89
16) Methylene chloride	4.915	84	42140	20.554	ug/L	80
17) trans-1,2-Dichloroethene	5.428	96	41909	25.166	ug/L	82
18) Methyl tert-butyl Ether	5.428	73	61853	26.893	ug/L	94
19) 1,1-Dichloroethane	6.220	63	70094	26.823	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	45553	25.934	ug/L	81
22) 2-Butanone	7.171	43	18712	50.175	ug/L	85
23) Bromochloromethane	7.519	128	21170	25.776	ug/L	# 64
25) Chloroform	7.677	83	79535	26.219	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	49145	25.583	ug/L	99
29) Cyclohexane	7.958	56	61591	25.424	ug/L #	82
30) 1,1,1-Trichloroethane	7.872	97	74614	27.323	ug/L	93
31) Carbon tetrachloride	8.067	117	66685	26.471	ug/L	99
33) Benzene	8.323	78	165131	24.906	ug/L	100
34) Trichloroethene	9.092	95	47140	25.328	ug/L	88
35) Methylcyclohexane	9.335	83	76222	24.827	ug/L #	85
37) 1,2-Dichloropropane	9.366	63	37186	25.144	ug/L #	96
38) Bromodichloromethane	9.646	83	55584	27.336	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	62733	26.909	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	41069	50.965	ug/L #	91
42) Toluene	10.384	91	192493	24.824	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	54173	26.530	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	30385	25.102	ug/L	96
46) Tetrachloroethene	10.866	164	41874	23.684	ug/L	94
48) 2-Hexanone	10.969	43	30138	51.574	ug/L #	92
49) Dibromochloromethane	11.128	129	39090	26.196	ug/L	100
50) 1,2-Dibromoethane	11.238	107	29907	24.827	ug/L	99
51) Chlorobenzene	11.658	112	126428	24.353	ug/L	94
52) Ethylbenzene	11.731	91	214741	24.234	ug/L	95
53) m,p-Xylene	11.841	106	87285	24.417	ug/L	89
54) o-Xylene	12.164	106	81250	23.950	ug/L	93
55) Styrene	12.176	104	138135	23.924	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	34005	24.507	ug/L	99
59) Bromoform	12.353	173	20798	25.316	ug/L #	99
60) Isopropylbenzene	12.463	105	229576	24.471	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	24365	24.247	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.945	105	196027	24.554	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	196419	24.941	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	106797	24.134	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	104099	23.677	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	90517	23.234	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	4881	23.549	ug/L #	77
69) 1,3,5-Trichlorobenzene	14.627	180	80414	24.313	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	63845	23.999	ug/L	91
71) Naphthalene	15.359	128	100513	23.256	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	51099	23.242	ug/L	97

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

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