

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021032.D
 Acq On : 02 Dec 2021 08:17
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025504

Quant Time: Dec 03 00:24:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 02 07:10:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	101820	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	98111	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	54583	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	25355	21.468	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.880%
7) Chloroethane-d5	2.879	69	20384	26.761	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.040%
11) 1,1-Dichloroethene-d2	4.013	63	49228	21.543	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.160%
21) 2-Butanone-d5	7.080	46	17625	59.788	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.580%
24) Chloroform-d	7.647	84	69163	26.959	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.840%
26) 1,2-Dichloroethane-d4	8.305	65	37253	28.607	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.440%
32) Benzene-d6	8.275	84	131467	25.424	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.680%
36) 1,2-Dichloropropane-d6	9.275	67	37760	25.644	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.560%
41) Toluene-d8	10.323	98	128869	25.109	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.440%
43) trans-1,3-Dichloroprop...	10.579	79	16615	23.873	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.480%
47) 2-Hexanone-d5	10.927	63	14087	57.683	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.360%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	33742	29.913	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.640%
66) 1,2-Dichlorobenzene-d4	13.853	152	49601	25.496	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.000%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	8045	27.301	ug/L	100
3) Chloromethane	2.209	50	20567	22.957	ug/L	99
5) Vinyl chloride	2.355	62	37911	24.465	ug/L	98
6) Bromomethane	2.776	94	25127	29.243	ug/L	96
8) Chloroethane	2.916	64	16831	25.836	ug/L	92
9) Trichlorofluoromethane	3.251	101	19112	21.174	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	33111	24.130	ug/L	91
12) 1,1-Dichloroethene	4.044	96	29255	22.932	ug/L	68
13) Acetone	4.129	43	11396	43.298	ug/L	95
14) Carbon disulfide	4.385	76	65252	18.912	ug/L	99
15) Methyl Acetate	4.678	43	13010	27.563	ug/L	# 82
16) Methylene chloride	4.916	84	33583	23.649	ug/L	87
17) trans-1,2-Dichloroethene	5.428	96	32851	23.892	ug/L	81
18) Methyl tert-butyl Ether	5.428	73	54666	26.487	ug/L	94
19) 1,1-Dichloroethane	6.214	63	57327	25.163	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	37820	25.522	ug/L	71
22) 2-Butanone	7.171	43	17021	47.598	ug/L	86
23) Bromochloromethane	7.513	128	17376	25.649	ug/L	# 71
25) Chloroform	7.677	83	65573	26.334	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	41353	27.426	ug/L	96
29) Cyclohexane	7.958	56	44472	20.332	ug/L #	83
30) 1,1,1-Trichloroethane	7.872	97	54898	23.268	ug/L	94
31) Carbon tetrachloride	8.067	117	49611	22.217	ug/L	100
33) Benzene	8.324	78	134449	24.203	ug/L	100
34) Trichloroethene	9.092	95	36961	23.788	ug/L	90
35) Methylcyclohexane	9.336	83	54730	21.364	ug/L	86
37) 1,2-Dichloropropane	9.366	63	31878	24.658	ug/L #	96
38) Bromodichloromethane	9.646	83	47028	25.348	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	51399	24.079	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	41391	53.790	ug/L #	93
42) Toluene	10.384	91	152195	24.358	ug/L	94
44) trans-1,3-Dichloropropene	10.604	75	45913	24.474	ug/L	95
45) 1,1,2-Trichloroethane	10.787	97	26938	26.791	ug/L	96
46) Tetrachloroethene	10.860	164	30592	21.444	ug/L	75
48) 2-Hexanone	10.969	43	28587	53.633	ug/L #	97
49) Dibromochloromethane	11.128	129	34776	25.087	ug/L	93
50) 1,2-Dibromoethane	11.232	107	26830	26.615	ug/L	95
51) Chlorobenzene	11.658	112	103213	24.836	ug/L	91
52) Ethylbenzene	11.731	91	171787	24.811	ug/L	95
53) m,p-Xylene	11.835	106	70378	24.897	ug/L	91
54) o-Xylene	12.164	106	66954	24.662	ug/L	91
55) Styrene	12.176	104	112574	24.973	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	31819	28.551	ug/L #	98
59) Bromoform	12.353	173	19998	24.572	ug/L	98
60) Isopropylbenzene	12.463	105	177172	23.832	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	22442	28.030	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.939	105	155450	24.787	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	153400	24.791	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	85510	24.533	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	83737	23.816	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	75972	24.735	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	4943	25.824	ug/L #	67
69) 1,3,5-Trichlorobenzene	14.627	180	63667	23.062	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	50991	22.577	ug/L	96
71) Naphthalene	15.359	128	95090	25.839	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	44044	23.110	ug/L	97

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

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