

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120821\
 Data File : VW021215.D
 Acq On : 08 Dec 2021 08:30
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025517

Quant Time: Dec 08 22:55:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 08 02:47:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	111299	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	104835	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	61023	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	34845	22.471	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.880%
7) Chloroethane-d5	2.885	69	27748	26.731	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.920%
11) 1,1-Dichloroethene-d2	4.019	63	57584	23.245	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.960%
21) 2-Butanone-d5	7.080	46	11382	32.179	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.360%
24) Chloroform-d	7.647	84	61386	22.023	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.080%
26) 1,2-Dichloroethane-d4	8.305	65	30682	20.121	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.480%
32) Benzene-d6	8.275	84	116289	21.694	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.760%
36) 1,2-Dichloropropane-d6	9.275	67	31390	21.073	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.280%
41) Toluene-d8	10.323	98	117216	21.326	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.320%
43) trans-1,3-Dichloroprop...	10.579	79	13412	19.829	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.320%
47) 2-Hexanone-d5	10.921	63	9334	32.751	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.500%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	25782	18.708	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	44291	20.257	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.040%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	10366	19.068	ug/L	93
3) Chloromethane	2.215	50	32259	26.506	ug/L	96
5) Vinyl chloride	2.361	62	55275	26.144	ug/L	97
6) Bromomethane	2.782	94	35418	25.194	ug/L	99
8) Chloroethane	2.922	64	27160	30.823	ug/L	100
9) Trichlorofluoromethane	3.263	101	31335	30.693	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	38626	24.172	ug/L	# 74
12) 1,1-Dichloroethene	4.044	96	35548	24.607	ug/L	# 69
13) Acetone	4.123	43	9871	30.637	ug/L	96
14) Carbon disulfide	4.379	76	95315	23.770	ug/L	99
15) Methyl Acetate	4.672	43	10569	18.092	ug/L	# 89
16) Methylene chloride	4.916	84	33967	19.371	ug/L	82
17) trans-1,2-Dichloroethene	5.428	96	37585	24.435	ug/L	81
18) Methyl tert-butyl Ether	5.422	73	47801	20.590	ug/L	95
19) 1,1-Dichloroethane	6.220	63	57726	23.667	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	37375	22.903	ug/L	76
22) 2-Butanone	7.171	43	13925	31.231	ug/L	84
23) Bromochloromethane	7.513	128	17406	22.797	ug/L	# 66
25) Chloroform	7.671	83	65548	23.941	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	40206	22.449	ug/L	98
29) Cyclohexane	7.958	56	53838	23.279	ug/L #	80
30) 1,1,1-Trichloroethane	7.872	97	60116	24.594	ug/L	95
31) Carbon tetrachloride	8.067	117	56659	24.945	ug/L	100
33) Benzene	8.323	78	140272	23.529	ug/L	100
34) Trichloroethene	9.092	95	40044	24.347	ug/L	94
35) Methylcyclohexane	9.335	83	66176	23.904	ug/L	85
37) 1,2-Dichloropropane	9.366	63	31467	23.353	ug/L #	94
38) Bromodichloromethane	9.646	83	43822	23.136	ug/L #	95
39) cis-1,3-Dichloropropene	10.073	75	51055	23.425	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	32371	35.266	ug/L #	93
42) Toluene	10.384	91	161468	23.713	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	43664	22.144	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	24557	21.738	ug/L	97
46) Tetrachloroethene	10.860	164	36771	24.416	ug/L	97
48) 2-Hexanone	10.969	43	24045	36.312	ug/L #	95
49) Dibromochloromethane	11.128	129	30816	21.826	ug/L	98
50) 1,2-Dibromoethane	11.238	107	24664	21.409	ug/L #	97
51) Chlorobenzene	11.658	112	106986	23.514	ug/L	91
52) Ethylbenzene	11.731	91	185989	24.263	ug/L	100
53) m,p-Xylene	11.841	106	75788	23.899	ug/L	90
54) o-Xylene	12.164	106	73956	24.736	ug/L	88
55) Styrene	12.183	104	123960	24.334	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	27729	20.408	ug/L #	99
59) Bromoform	12.347	173	17745	20.391	ug/L	96
60) Isopropylbenzene	12.463	105	206637	24.365	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	19865	19.433	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.945	105	177177	24.947	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	173311	24.263	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	95630	23.948	ug/L	100
65) 1,4-Dichlorobenzene	13.579	146	96601	23.936	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	82400	23.175	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	3958	17.147	ug/L #	74
69) 1,3,5-Trichlorobenzene	14.627	180	68522	23.348	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	57389	23.797	ug/L	90
71) Naphthalene	15.365	128	85811	19.141	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	45800	21.761	ug/L	98

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

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