

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
 Data File : VW021442.D
 Acq On : 17 Dec 2021 23:26
 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 18 00:52:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 17 00:58:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	120898	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	116650	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	68091	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	40263	18.286	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.160%
7) Chloroethane-d5	2.879	69	27962	19.210	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.840%
11) 1,1-Dichloroethene-d2	4.019	63	63622	21.673	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.680%
21) 2-Butanone-d5	7.074	46	19441	62.637	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.280%
24) Chloroform-d	7.647	84	81595	24.218	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.880%
26) 1,2-Dichloroethane-d4	8.305	65	44348	24.746	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	8.275	84	145954	22.827	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.320%
36) 1,2-Dichloropropane-d6	9.274	67	42334	24.688	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.760%
41) Toluene-d8	10.323	98	149208	22.839	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.360%
43) trans-1,3-Dichloroprop...	10.573	79	19201	24.318	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.280%
47) 2-Hexanone-d5	10.921	63	16679	65.776	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.560%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	41856	28.394	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	61019	23.123	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.480%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	11849	25.366	ug/L	98
3) Chloromethane	2.215	50	32816	21.220	ug/L	99
5) Vinyl chloride	2.355	62	51323	21.140	ug/L	100
6) Bromomethane	2.776	94	34357	21.818	ug/L	99
8) Chloroethane	2.916	64	23879	21.350	ug/L	96
9) Trichlorofluoromethane	3.251	101	27531	21.492	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	41589	24.912	ug/L	91
12) 1,1-Dichloroethene	4.038	96	36900	24.623	ug/L	78
13) Acetone	4.117	43	14028	50.416	ug/L	94
14) Carbon disulfide	4.379	76	89267	23.066	ug/L	98
15) Methyl Acetate	4.666	43	14872	30.977	ug/L	# 90
16) Methylene chloride	4.909	84	41370	20.709	ug/L	84
17) trans-1,2-Dichloroethene	5.422	96	41479	25.563	ug/L	79
18) Methyl tert-butyl Ether	5.428	73	65191	29.090	ug/L	93
19) 1,1-Dichloroethane	6.214	63	68967	27.086	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	45062	26.330	ug/L	71
22) 2-Butanone	7.165	43	20154	55.465	ug/L	87
23) Bromochloromethane	7.513	128	22506	28.124	ug/L	# 59
25) Chloroform	7.677	83	79195	26.794	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	52394	27.992	ug/L	97
29) Cyclohexane	7.952	56	57908	24.941	ug/L #	82
30) 1,1,1-Trichloroethane	7.872	97	69368	26.504	ug/L	94
31) Carbon tetrachloride	8.067	117	63423	26.268	ug/L	97
33) Benzene	8.323	78	162230	25.530	ug/L	100
34) Trichloroethene	9.092	95	45882	25.721	ug/L	93
35) Methylcyclohexane	9.335	83	70895	24.093	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	38347	27.054	ug/L #	95
38) Bromodichloromethane	9.646	83	57107	29.303	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	62114	27.800	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	47854	61.961	ug/L #	91
42) Toluene	10.384	91	194136	26.122	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	55807	28.516	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	33209	28.625	ug/L	90
46) Tetrachloroethene	10.860	164	42670	25.181	ug/L	97
48) 2-Hexanone	10.969	43	33253	59.372	ug/L #	91
49) Dibromochloromethane	11.128	129	41876	29.280	ug/L	100
50) 1,2-Dibromoethane	11.231	107	33576	29.082	ug/L #	97
51) Chlorobenzene	11.652	112	129482	26.023	ug/L	90
52) Ethylbenzene	11.731	91	217138	25.567	ug/L	96
53) m,p-Xylene	11.835	106	88777	25.912	ug/L	91
54) o-Xylene	12.164	106	85215	26.208	ug/L	98
55) Styrene	12.176	104	146383	26.453	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	38959	29.295	ug/L #	98
59) Bromoform	12.347	173	23417	28.903	ug/L	97
60) Isopropylbenzene	12.463	105	231021	24.969	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	28944	29.207	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.938	105	202090	25.668	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	197882	25.478	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	113843	26.086	ug/L	86
65) 1,4-Dichlorobenzene	13.572	146	111729	25.768	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	100515	26.162	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	6152	30.097	ug/L #	66
69) 1,3,5-Trichlorobenzene	14.627	180	83961	25.741	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	65704	25.044	ug/L	97
71) Naphthalene	15.359	128	120800	28.341	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	55774	25.724	ug/L	98

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

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