

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
 Data File : VW021156.D
 Acq On : 05 Dec 2021 07:49
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025511

Quant Time: Dec 06 04:31:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	119363	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	121970	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	72267	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	38643	23.236	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.960%
7) Chloroethane-d5	2.885	69	26157	23.496	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	4.025	63	64149	24.146	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.600%
21) 2-Butanone-d5	7.080	46	16676	43.961	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.920%
24) Chloroform-d	7.653	84	74654	24.974	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.880%
26) 1,2-Dichloroethane-d4	8.311	65	41154	25.165	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.680%
32) Benzene-d6	8.281	84	139425	22.357	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.440%
36) 1,2-Dichloropropane-d6	9.274	67	38107	21.988	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.960%
41) Toluene-d8	10.323	98	144801	22.644	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.560%
43) trans-1,3-Dichloroprop...	10.579	79	17821	22.646	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.600%
47) 2-Hexanone-d5	10.927	63	14227	42.906	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.820%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	38901	24.262	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.040%
66) 1,2-Dichlorobenzene-d4	13.853	152	59354	22.923	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.680%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	10161	17.428	ug/L	98
3) Chloromethane	2.215	50	32665	25.026	ug/L	98
5) Vinyl chloride	2.367	62	55837	24.625	ug/L	96
6) Bromomethane	2.782	94	33958	22.523	ug/L	99
8) Chloroethane	2.922	64	24360	25.778	ug/L	100
9) Trichlorofluoromethane	3.263	101	30449	27.811	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	38888	22.692	ug/L	93
12) 1,1-Dichloroethene	4.044	96	37249	24.042	ug/L	80
13) Acetone	4.141	43	12277	35.530	ug/L	97
14) Carbon disulfide	4.385	76	105097	24.438	ug/L	98
15) Methyl Acetate	4.678	43	14454	23.070	ug/L	# 90
16) Methylene chloride	4.922	84	40911	21.755	ug/L	85
17) trans-1,2-Dichloroethene	5.428	96	41268	25.017	ug/L	84
18) Methyl tert-butyl Ether	5.428	73	66778	26.821	ug/L	95
19) 1,1-Dichloroethane	6.220	63	67660	25.866	ug/L	97
20) cis-1,2-Dichloroethene	7.177	96	45994	26.281	ug/L	70
22) 2-Butanone	7.177	43	20008	41.842	ug/L	88
23) Bromochloromethane	7.519	128	21477	26.228	ug/L	# 64
25) Chloroform	7.677	83	76430	26.029	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	51138	26.623	ug/L	97
29) Cyclohexane	7.958	56	59927	22.272	ug/L #	83
30) 1,1,1-Trichloroethane	7.872	97	67814	23.846	ug/L	95
31) Carbon tetrachloride	8.073	117	60466	22.881	ug/L	96
33) Benzene	8.330	78	164397	23.702	ug/L	100
34) Trichloroethene	9.092	95	45283	23.665	ug/L	93
35) Methylcyclohexane	9.335	83	71938	22.335	ug/L #	85
37) 1,2-Dichloropropane	9.372	63	37414	23.866	ug/L #	95
38) Bromodichloromethane	9.646	83	53805	24.416	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	61355	24.197	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	47871	44.825	ug/L #	93
42) Toluene	10.390	91	202685	25.584	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	56708	24.719	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	32958	25.076	ug/L	95
46) Tetrachloroethene	10.866	164	41072	23.440	ug/L	91
48) 2-Hexanone	10.969	43	33388	43.338	ug/L #	95
49) Dibromochloromethane	11.128	129	41646	25.353	ug/L	98
50) 1,2-Dibromoethane	11.238	107	33015	24.632	ug/L #	89
51) Chlorobenzene	11.658	112	135803	25.655	ug/L	89
52) Ethylbenzene	11.731	91	230051	25.795	ug/L	97
53) m,p-Xylene	11.841	106	92505	25.073	ug/L	93
54) o-Xylene	12.164	106	90315	25.963	ug/L	99
55) Styrene	12.176	104	158161	26.686	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	40882	25.861	ug/L #	98
59) Bromoform	12.347	173	25845	25.078	ug/L #	98
60) Isopropylbenzene	12.463	105	253646	25.255	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	30557	25.242	ug/L	93
62) 1,3,5-Trimethylbenzene	12.938	105	219439	26.090	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	211685	25.024	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	116729	24.683	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	116930	24.465	ug/L	88
67) 1,2-Dichlorobenzene	13.871	146	101891	24.199	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	6510	23.815	ug/L #	72
69) 1,3,5-Trichlorobenzene	14.627	180	87881	25.285	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	67405	23.602	ug/L	97
71) Naphthalene	15.359	128	140885	26.536	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	58987	23.666	ug/L	96

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

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