

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121221\
 Data File : VW021341.D
 Acq On : 12 Dec 2021 00:31
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025527

Quant Time: Dec 13 07:57:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 23:12:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	86348	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	86962	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	46158	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	43590	27.718	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 110.880%	
7) Chloroethane-d5	2.879	69	29572	28.445	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 113.760%	
11) 1,1-Dichloroethene-d2	4.013	63	47684	22.743	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 90.960%	
21) 2-Butanone-d5	7.080	46	14082	63.525	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 127.040%	
24) Chloroform-d	7.647	84	63456	26.370	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 105.480%	
26) 1,2-Dichloroethane-d4	8.305	65	34301	26.798	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 107.200%	
32) Benzene-d6	8.275	84	117344	24.617	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 98.480%	
36) 1,2-Dichloropropane-d6	9.275	67	32887	25.726	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 102.920%	
41) Toluene-d8	10.323	98	114507	23.511	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 94.040%	
43) trans-1,3-Dichloroprop...	10.579	79	15664	26.611	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 106.440%	
47) 2-Hexanone-d5	10.921	63	12021	63.591	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 127.180%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	31709	28.854	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 115.400%	
66) 1,2-Dichlorobenzene-d4	13.853	152	45700	25.547	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 102.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	11080	33.211	ug/L	98
3) Chloromethane	2.209	50	27125	24.558	ug/L	98
5) Vinyl chloride	2.355	62	43963	25.354	ug/L	97
6) Bromomethane	2.776	94	32817	29.179	ug/L	98
8) Chloroethane	2.910	64	19990	25.024	ug/L	97
9) Trichlorofluoromethane	3.245	101	16721	18.276	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	28683	24.056	ug/L	90
12) 1,1-Dichloroethene	4.038	96	25953	24.248	ug/L	75
13) Acetone	4.141	43	9082	45.701	ug/L	96
14) Carbon disulfide	4.379	76	71835	25.989	ug/L	98
15) Methyl Acetate	4.678	43	10450	30.476	ug/L #	86
16) Methylene chloride	4.916	84	29241	20.495	ug/L	79
17) trans-1,2-Dichloroethene	5.422	96	27930	24.101	ug/L	77
18) Methyl tert-butyl Ether	5.428	73	40404	25.244	ug/L	94
19) 1,1-Dichloroethane	6.208	63	45630	25.092	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	29540	24.167	ug/L	76
22) 2-Butanone	7.177	43	13591	52.369	ug/L	83
23) Bromochloromethane	7.507	128	15634	27.354	ug/L #	61
25) Chloroform	7.671	83	53428	25.309	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	33881	25.344	ug/L #	94
29) Cyclohexane	7.952	56	36184	20.905	ug/L #	81
30) 1,1,1-Trichloroethane	7.872	97	44646	22.882	ug/L	95
31) Carbon tetrachloride	8.067	117	43991	24.440	ug/L	99
33) Benzene	8.324	78	109064	23.022	ug/L	100
34) Trichloroethene	9.092	95	30349	22.822	ug/L	97
35) Methylcyclohexane	9.336	83	45591	20.783	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	24906	23.570	ug/L #	95
38) Bromodichloromethane	9.640	83	40631	27.966	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	41474	24.899	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	32165	55.865	ug/L #	93
42) Toluene	10.384	91	126145	22.768	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	37502	25.705	ug/L	98
45) 1,1,2-Trichloroethane	10.780	97	23017	26.613	ug/L	90
46) Tetrachloroethene	10.860	164	27657	21.893	ug/L	86
48) 2-Hexanone	10.969	43	22202	53.174	ug/L #	93
49) Dibromochloromethane	11.128	129	31049	29.121	ug/L	100
50) 1,2-Dibromoethane	11.232	107	22923	26.633	ug/L #	95
51) Chlorobenzene	11.658	112	83862	22.608	ug/L	88
52) Ethylbenzene	11.731	91	134743	21.282	ug/L	99
53) m,p-Xylene	11.835	106	55571	21.757	ug/L	83
54) o-Xylene	12.164	106	53639	22.128	ug/L	91
55) Styrene	12.183	104	94096	22.809	ug/L	85
57) 1,1,2,2-Tetrachloroethane	12.713	83	27339	27.575	ug/L #	95
59) Bromoform	12.347	173	19069	34.721	ug/L	98
60) Isopropylbenzene	12.463	105	144268	23.002	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	19248	28.652	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.939	105	120766	22.628	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	125694	23.874	ug/L	96
64) 1,3-Dichlorobenzene	13.493	146	70694	23.896	ug/L	91
65) 1,4-Dichlorobenzene	13.579	146	69160	23.530	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	67495	25.915	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	4715	34.028	ug/L #	63
69) 1,3,5-Trichlorobenzene	14.621	180	51207	23.159	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	43071	24.218	ug/L	93
71) Naphthalene	15.359	128	81608	28.244	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	38969	26.513	ug/L	96

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

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