

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121121\
 Data File : VW021339.D
 Acq On : 11 Dec 2021 20:32
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025526

Quant Time: Dec 12 08:09:42 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	84361	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	83030	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	49252	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	47271	30.767	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 123.080%	
7) Chloroethane-d5	2.879	69	32225	31.727	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 126.920%	
11) 1,1-Dichloroethene-d2	4.019	63	49819	24.321	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 97.280%	
21) 2-Butanone-d5	7.074	46	15080	69.629	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 139.260%#	
24) Chloroform-d	7.647	84	63939	27.197	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 108.800%	
26) 1,2-Dichloroethane-d4	8.305	65	34242	27.382	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 109.520%	
32) Benzene-d6	8.275	84	119628	26.285	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 105.160%	
36) 1,2-Dichloropropane-d6	9.274	67	33729	27.634	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 110.520%	
41) Toluene-d8	10.323	98	117061	25.174	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 100.680%	
43) trans-1,3-Dichloroprop...	10.579	79	16093	28.635	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 114.520%	
47) 2-Hexanone-d5	10.921	63	12691	70.315	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 140.620%#	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	33089	31.536	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 126.160%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	52545	27.528	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 110.120%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	12245	37.567	ug/L	97
3) Chloromethane	2.215	50	24507	22.710	ug/L	99
5) Vinyl chloride	2.355	62	42351	25.000	ug/L	97
6) Bromomethane	2.776	94	30860	28.085	ug/L	95
8) Chloroethane	2.916	64	21117	27.058	ug/L	96
9) Trichlorofluoromethane	3.257	101	16599	18.570	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	27534	23.637	ug/L	93
12) 1,1-Dichloroethene	4.038	96	23735	22.698	ug/L	82
13) Acetone	4.123	43	8825	45.454	ug/L	88
14) Carbon disulfide	4.379	76	66716	24.706	ug/L	99
15) Methyl Acetate	4.666	43	9652	28.812	ug/L	# 87
16) Methylene chloride	4.915	84	28540	20.475	ug/L	83
17) trans-1,2-Dichloroethene	5.422	96	26267	23.200	ug/L	83
18) Methyl tert-butyl Ether	5.422	73	38639	24.710	ug/L	92
19) 1,1-Dichloroethane	6.214	63	41739	23.493	ug/L	93
20) cis-1,2-Dichloroethene	7.165	96	28166	23.585	ug/L	73
22) 2-Butanone	7.171	43	13116	51.729	ug/L	86
23) Bromochloromethane	7.513	128	13906	24.904	ug/L	# 68
25) Chloroform	7.671	83	49324	23.915	ug/L	99

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

27) 1,2-Dichloroethane	8.397	62	31300	23.965	ug/L	96
29) Cyclohexane	7.952	56	34212	20.701	ug/L #	79
30) 1,1,1-Trichloroethane	7.872	97	42188	22.646	ug/L	94
31) Carbon tetrachloride	8.067	117	40035	23.296	ug/L	97
33) Benzene	8.323	78	101227	22.380	ug/L	100
34) Trichloroethene	9.092	95	27819	21.910	ug/L	83
35) Methylcyclohexane	9.335	83	44081	21.047	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	23361	23.155	ug/L #	95
38) Bromodichloromethane	9.640	83	36443	26.271	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	39276	24.696	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	30673	55.797	ug/L #	91
42) Toluene	10.384	91	114626	21.669	ug/L	89
44) trans-1,3-Dichloropropene	10.604	75	35726	25.647	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	21313	25.810	ug/L	91
46) Tetrachloroethene	10.860	164	25847	21.429	ug/L	93
48) 2-Hexanone	10.969	43	21647	54.300	ug/L #	92
49) Dibromochloromethane	11.128	129	28387	27.885	ug/L	91
50) 1,2-Dibromoethane	11.231	107	20602	25.070	ug/L	98
51) Chlorobenzene	11.652	112	77913	21.999	ug/L	93
52) Ethylbenzene	11.725	91	126521	20.930	ug/L	98
53) m,p-Xylene	11.835	106	51442	21.094	ug/L	92
54) o-Xylene	12.164	106	50549	21.841	ug/L	92
55) Styrene	12.176	104	88782	22.540	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	25375	26.806	ug/L #	92
59) Bromoform	12.347	173	17361	29.625	ug/L	99
60) Isopropylbenzene	12.463	105	138005	20.621	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	18523	25.841	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.938	105	119084	20.911	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	118739	21.136	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	71648	22.697	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	71581	22.824	ug/L	90
67) 1,2-Dichlorobenzene	13.871	146	64705	23.283	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	4513	30.524	ug/L #	63
69) 1,3,5-Trichlorobenzene	14.627	180	50396	21.360	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	42380	22.332	ug/L	92
71) Naphthalene	15.359	128	79450	25.770	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	37692	24.033	ug/L	96

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

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