

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
 Data File : VW019120.D
 Acq On : 03 Jun 2021 20:34
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025123

Quant Time: Jun 04 01:05:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 04 01:03:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	576279	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	542101	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	278577	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	181796	23.857	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.440%
7) Chloroethane-d5	2.898	69	155178	23.909	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.640%
11) 1,1-Dichloroethene-d2	4.032	63	367010	24.241	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.960%
21) 2-Butanone-d5	7.086	46	114784	57.504	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.000%
24) Chloroform-d	7.653	84	391148	25.246	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	8.305	65	215700	24.820	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.280%
32) Benzene-d6	8.275	84	757990	24.542	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.160%
36) 1,2-Dichloropropane-d6	9.275	67	230286	24.595	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.360%
41) Toluene-d8	10.323	98	704908	24.851	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	10.579	79	103772	25.590	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.360%
47) 2-Hexanone-d5	10.927	63	95543	60.174	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.340%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	206859	26.782	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	244098	25.104	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	175864	23.556	ug/L	# 89
3) Chloromethane	2.215	50	165342	23.954	ug/L	98
5) Vinyl chloride	2.367	62	274611	26.062	ug/L	97
6) Bromomethane	2.788	94	195276	24.924	ug/L	96
8) Chloroethane	2.928	64	162015	25.864	ug/L	100
9) Trichlorofluoromethane	3.263	101	130567	22.577	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	208725	25.234	ug/L	96
12) 1,1-Dichloroethene	4.050	96	211953	25.938	ug/L	96
13) Acetone	4.135	43	83916	47.443	ug/L	90
14) Carbon disulfide	4.397	76	649583	25.150	ug/L	100
15) Methyl Acetate	4.678	43	104861	29.475	ug/L	97
16) Methylene chloride	4.922	84	257461	24.077	ug/L	96
17) trans-1,2-Dichloroethene	5.434	96	231776	26.326	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	323679	28.440	ug/L	98
19) 1,1-Dichloroethane	6.220	63	415881	26.613	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	247125	26.959	ug/L	97
22) 2-Butanone	7.177	43	139671	59.058	ug/L	99
23) Bromochloromethane	7.525	128	110398	27.377	ug/L	93
25) Chloroform	7.683	83	420407	26.378	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	293671	27.210	ug/L	98
29) Cyclohexane	7.958	56	368211	26.103	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	319223	25.592	ug/L	99
31) Carbon tetrachloride	8.074	117	296641	25.756	ug/L	99
33) Benzene	8.323	78	931936	26.136	ug/L	100
34) Trichloroethene	9.092	95	239827	25.801	ug/L	94
35) Methylcyclohexane	9.335	83	416867	26.062	ug/L	99
37) 1,2-Dichloropropane	9.372	63	236238	26.971	ug/L	98
38) Bromodichloromethane	9.646	83	308358	27.141	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	370353	27.289	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	310089	59.446	ug/L	95
42) Toluene	10.390	91	1014000	26.432	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	330740	27.609	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	181013	27.448	ug/L	95
46) Tetrachloroethene	10.866	164	183282	25.796	ug/L	95
48) 2-Hexanone	10.969	43	219355	62.554	ug/L	97
49) Dibromochloromethane	11.128	129	201899	27.622	ug/L	93
50) 1,2-Dibromoethane	11.238	107	176944	27.694	ug/L	97
51) Chlorobenzene	11.658	112	608845	25.712	ug/L	98
52) Ethylbenzene	11.731	91	1109497	26.291	ug/L	98
53) m,p-Xylene	11.841	106	420296	27.007	ug/L	96
54) o-Xylene	12.164	106	409593	27.629	ug/L	99
55) Styrene	12.183	104	698508	27.399	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	234026	28.795	ug/L	99
59) Bromoform	12.347	173	117685	27.421	ug/L	97
60) Isopropylbenzene	12.463	105	1084151	25.994	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	174373	27.979	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	917532	26.785	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	918875	26.872	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	478809	26.305	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	487063	26.169	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	443107	27.048	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	39467	28.929	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	341710	25.983	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	289509	26.822	ug/L	98
71) Naphthalene	15.365	128	638340	29.662	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	260015	27.189	ug/L	98

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

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