

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061521\
 Data File : VW019226.D
 Acq On : 15 Jun 2021 13:18
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025116

Quant Time: Jun 16 01:03:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 16 01:01:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	515906	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	477398	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	239808	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	148748	21.804	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.200%
7) Chloroethane-d5	2.892	69	143150	24.637	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.560%
11) 1,1-Dichloroethene-d2	4.025	63	336910	24.857	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.440%
21) 2-Butanone-d5	7.086	46	99542	55.704	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.400%
24) Chloroform-d	7.647	84	374003	26.965	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.840%
26) 1,2-Dichloroethane-d4	8.305	65	202944	26.085	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.320%
32) Benzene-d6	8.275	84	694556	25.536	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.160%
36) 1,2-Dichloropropane-d6	9.275	67	218906	26.548	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.200%
41) Toluene-d8	10.323	98	630986	25.260	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.040%
43) trans-1,3-Dichloroprop...	10.579	79	91937	25.744	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.960%
47) 2-Hexanone-d5	10.927	63	83693	59.855	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.700%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	194242	28.557	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.240%
66) 1,2-Dichlorobenzene-d4	13.853	152	216390	25.853	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	167120	25.004	ug/L	99
3) Chloromethane	2.215	50	157126	25.427	ug/L	100
5) Vinyl chloride	2.367	62	254818	27.013	ug/L	97
6) Bromomethane	2.788	94	167069	23.819	ug/L	94
8) Chloroethane	2.928	64	153227	27.323	ug/L	96
9) Trichlorofluoromethane	3.263	101	144129	27.839	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	200530	27.080	ug/L	98
12) 1,1-Dichloroethene	4.044	96	199180	27.227	ug/L	96
13) Acetone	4.141	43	115751	73.099	ug/L	89
14) Carbon disulfide	4.385	76	596454	25.795	ug/L	100
15) Methyl Acetate	4.678	43	81830	25.693	ug/L	97
16) Methylene chloride	4.922	84	216268	22.592	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	209197	26.542	ug/L	98
18) Methyl tert-butyl Ether	5.422	73	269586	26.459	ug/L	98
19) 1,1-Dichloroethane	6.214	63	384586	27.491	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	217286	26.478	ug/L	97
22) 2-Butanone	7.177	43	138080	65.218	ug/L	99
23) Bromochloromethane	7.519	128	93443	25.884	ug/L	95
25) Chloroform	7.677	83	386054	27.057	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	256093	26.505	ug/L	99
29) Cyclohexane	7.958	56	340049	27.374	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	301253	27.424	ug/L	99
31) Carbon tetrachloride	8.067	117	277428	27.352	ug/L	100
33) Benzene	8.323	78	848468	27.020	ug/L	100
34) Trichloroethene	9.092	95	218175	26.653	ug/L	94
35) Methylcyclohexane	9.336	83	386448	27.435	ug/L	97
37) 1,2-Dichloropropane	9.366	63	211008	27.356	ug/L	98
38) Bromodichloromethane	9.646	83	271466	27.133	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	327248	27.381	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	245815	53.511	ug/L	95
42) Toluene	10.390	91	920657	27.252	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	288111	27.310	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	155032	26.694	ug/L	94
46) Tetrachloroethene	10.866	164	159728	25.528	ug/L	97
48) 2-Hexanone	10.969	43	199046	64.456	ug/L	96
49) Dibromochloromethane	11.128	129	167482	26.019	ug/L	96
50) 1,2-Dibromoethane	11.238	107	145527	25.864	ug/L	99
51) Chlorobenzene	11.658	112	545319	26.150	ug/L	94
52) Ethylbenzene	11.731	91	1016965	27.364	ug/L	96
53) m,p-Xylene	11.841	106	372981	27.215	ug/L	92
54) o-Xylene	12.164	106	357328	27.371	ug/L	92
55) Styrene	12.183	104	618686	27.557	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	193706	27.064	ug/L	98
59) Bromoform	12.347	173	95721	25.909	ug/L	99
60) Isopropylbenzene	12.463	105	998728	27.818	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	140995	26.280	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	816923	27.704	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	817343	27.767	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	404181	25.795	ug/L	95
65) 1,4-Dichlorobenzene	13.573	146	415886	25.957	ug/L	88
67) 1,2-Dichlorobenzene	13.871	146	377156	26.744	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	29541	25.154	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	295473	26.099	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	239673	25.795	ug/L	99
71) Naphthalene	15.365	128	488893	26.391	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	207916	25.256	ug/L	97

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

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