

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060921\
 Data File : VW019163.D
 Acq On : 09 Jun 2021 12:30
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025130

Quant Time: Jun 10 01:08:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 09 01:04:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	505942	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	461240	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	234967	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	151696	22.674	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.680%
7) Chloroethane-d5	2.898	69	131111	23.010	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.040%
11) 1,1-Dichloroethene-d2	4.032	63	319084	24.005	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.040%
21) 2-Butanone-d5	7.086	46	85383	48.722	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.440%
24) Chloroform-d	7.653	84	341513	25.107	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.440%
26) 1,2-Dichloroethane-d4	8.311	65	180133	23.609	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.440%
32) Benzene-d6	8.281	84	657091	25.005	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	9.274	67	198648	24.935	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.720%
41) Toluene-d8	10.323	98	591987	24.529	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.120%
43) trans-1,3-Dichloroprop...	10.579	79	81509	23.623	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.480%
47) 2-Hexanone-d5	10.927	63	69028	51.096	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.200%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	164549	25.039	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	193093	23.544	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.160%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	178922	27.297	ug/L	98
3) Chloromethane	2.221	50	148517	24.507	ug/L	100
5) Vinyl chloride	2.373	62	246991	26.699	ug/L	95
6) Bromomethane	2.788	94	165364	24.040	ug/L	98
8) Chloroethane	2.934	64	147075	26.743	ug/L	96
9) Trichlorofluoromethane	3.263	101	125983	24.813	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	198066	27.274	ug/L	96
12) 1,1-Dichloroethene	4.050	96	191520	26.696	ug/L	98
13) Acetone	4.129	43	57657	37.129	ug/L	86
14) Carbon disulfide	4.397	76	594887	26.234	ug/L	100
15) Methyl Acetate	4.678	43	75646	24.219	ug/L	95
16) Methylene chloride	4.928	84	206178	21.962	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	204042	26.398	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	259028	25.924	ug/L	97
19) 1,1-Dichloroethane	6.220	63	369828	26.956	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	215934	26.832	ug/L	97
22) 2-Butanone	7.177	43	102502	49.367	ug/L	98
23) Bromochloromethane	7.519	128	89504	25.281	ug/L	97
25) Chloroform	7.677	83	376559	26.911	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	245017	25.858	ug/L	98
29) Cyclohexane	7.964	56	329042	27.416	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	290147	27.338	ug/L	100
31) Carbon tetrachloride	8.073	117	268337	27.383	ug/L	99
33) Benzene	8.329	78	832344	27.435	ug/L	100
34) Trichloroethene	9.098	95	213992	27.058	ug/L	95
35) Methylcyclohexane	9.342	83	375168	27.567	ug/L	98
37) 1,2-Dichloropropane	9.372	63	204754	27.475	ug/L	98
38) Bromodichloromethane	9.646	83	268252	27.751	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	315042	27.283	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	226525	51.039	ug/L	96
42) Toluene	10.390	91	903312	27.675	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	273396	26.823	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	148076	26.390	ug/L	96
46) Tetrachloroethene	10.866	164	157263	26.014	ug/L	97
48) 2-Hexanone	10.969	43	153114	51.319	ug/L	94
49) Dibromochloromethane	11.128	129	171881	27.638	ug/L	97
50) 1,2-Dibromoethane	11.238	107	137150	25.229	ug/L	95
51) Chlorobenzene	11.658	112	538259	26.716	ug/L	96
52) Ethylbenzene	11.731	91	994975	27.711	ug/L	96
53) m,p-Xylene	11.841	106	364171	27.503	ug/L	95
54) o-Xylene	12.170	106	347006	27.511	ug/L	93
55) Styrene	12.182	104	607454	28.004	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	181784	26.288	ug/L	97
59) Bromoform	12.347	173	91992	25.413	ug/L	99
60) Isopropylbenzene	12.463	105	965693	27.452	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	131556	25.026	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	794823	27.510	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	798449	27.684	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	400440	26.082	ug/L	91
65) 1,4-Dichlorobenzene	13.579	146	392502	25.002	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	370156	26.788	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	28143	24.457	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	284274	25.627	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	229851	25.247	ug/L	97
71) Naphthalene	15.365	128	452194	24.912	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	207688	25.748	ug/L	96

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

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