

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070221\
 Data File : VW019386.D
 Acq On : 02 Jul 2021 15:38
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005480

Quant Time: Jul 03 04:05:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 03 04:03:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	519674	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	483539	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	234577	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	152828	22.400	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.600%
7) Chloroethane-d5	2.898	69	125050	23.577	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.320%
11) 1,1-Dichloroethene-d2	4.032	63	323646	23.214	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.840%
21) 2-Butanone-d5	7.080	46	90198	53.228	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.460%
24) Chloroform-d	7.653	84	330839	23.046	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	8.305	65	170576	23.138	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.560%
32) Benzene-d6	8.275	84	666422	22.488	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.960%
36) 1,2-Dichloropropane-d6	9.275	67	205794	22.783	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.120%
41) Toluene-d8	10.323	98	597910	22.276	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.120%
43) trans-1,3-Dichloroprop...	10.579	79	81031	22.783	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.120%
47) 2-Hexanone-d5	10.927	63	71834	50.886	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.780%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	156778	23.528	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	200220	23.333	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	158586	25.609	ug/L	97
3) Chloromethane	2.221	50	148940	23.339	ug/L	99
5) Vinyl chloride	2.367	62	214009	24.211	ug/L	98
6) Bromomethane	2.788	94	116043	23.579	ug/L	100
8) Chloroethane	2.934	64	116525	24.039	ug/L	98
9) Trichlorofluoromethane	3.263	101	117848	24.187	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	166329	24.111	ug/L	96
12) 1,1-Dichloroethene	4.050	96	167857	24.137	ug/L	96
13) Acetone	4.129	43	76400	72.280	ug/L	89
14) Carbon disulfide	4.391	76	518843	23.588	ug/L	100
15) Methyl Acetate	4.672	43	72262	24.902	ug/L	98
16) Methylene chloride	4.922	84	183778	20.230	ug/L	97
17) trans-1,2-Dichloroethene	5.434	96	176297	23.388	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	215605	23.576	ug/L	95
19) 1,1-Dichloroethane	6.220	63	320785	23.675	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	189191	23.882	ug/L	100
22) 2-Butanone	7.171	43	101659	56.392	ug/L	97
23) Bromochloromethane	7.513	128	78837	22.896	ug/L	97
25) Chloroform	7.677	83	314084	23.366	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	197254	23.331	ug/L	98
29) Cyclohexane	7.958	56	301400	23.395	ug/L	93
30) 1,1,1-Trichloroethane	7.878	97	238402	23.208	ug/L	98
31) Carbon tetrachloride	8.074	117	227871	23.560	ug/L	99
33) Benzene	8.323	78	733120	23.243	ug/L	100
34) Trichloroethene	9.092	95	183642	22.877	ug/L	93
35) Methylcyclohexane	9.336	83	323136	22.821	ug/L	95
37) 1,2-Dichloropropane	9.366	63	180652	23.399	ug/L	98
38) Bromodichloromethane	9.646	83	221654	23.342	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	275263	23.907	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	201244	49.724	ug/L	97
42) Toluene	10.390	91	752395	22.999	ug/L	93
44) trans-1,3-Dichloropropene	10.610	75	236102	24.018	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	126536	23.130	ug/L	95
46) Tetrachloroethene	10.866	164	143106	23.078	ug/L	97
48) 2-Hexanone	10.969	43	143313	51.673	ug/L	94
49) Dibromochloromethane	11.128	129	140583	23.176	ug/L	95
50) 1,2-Dibromoethane	11.238	107	120719	23.315	ug/L	97
51) Chlorobenzene	11.658	112	471122	22.894	ug/L	98
52) Ethylbenzene	11.731	91	832491	23.278	ug/L	97
53) m,p-Xylene	11.841	106	314274	23.215	ug/L	98
54) o-Xylene	12.164	106	298723	23.129	ug/L	95
55) Styrene	12.183	104	519549	23.784	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	149856	23.205	ug/L	100
59) Bromoform	12.347	173	73441	22.900	ug/L	97
60) Isopropylbenzene	12.463	105	805820	24.091	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	109696	23.508	ug/L	96
62) 1,3,5-Trimethylbenzene	12.945	105	683280	24.513	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	685031	24.714	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	342339	22.970	ug/L	91
65) 1,4-Dichlorobenzene	13.579	146	342745	23.144	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	319536	24.248	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	23709	24.065	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	254074	23.550	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	208557	23.476	ug/L	99
71) Naphthalene	15.365	128	401854	23.747	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	179406	23.340	ug/L	97

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

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