

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070221\
 Data File : VW019382.D
 Acq On : 02 Jul 2021 09:57
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025380

Quant Time: Jul 03 04:01:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 02 01:04:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	540060	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	502286	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	245629	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	179967	25.381	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.520%
7) Chloroethane-d5	2.898	69	143503	26.035	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.120%
11) 1,1-Dichloroethene-d2	4.032	63	370706	25.585	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.360%
21) 2-Butanone-d5	7.086	46	99157	56.307	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.620%
24) Chloroform-d	7.647	84	386460	25.905	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	8.305	65	202188	26.391	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.560%
32) Benzene-d6	8.275	84	784694	25.491	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.960%
36) 1,2-Dichloropropane-d6	9.274	67	240310	25.612	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.440%
41) Toluene-d8	10.323	98	702033	25.179	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.720%
43) trans-1,3-Dichloroprop...	10.579	79	94546	25.591	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.360%
47) 2-Hexanone-d5	10.927	63	80205	54.695	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.400%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	183428	26.500	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	233377	25.973	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	161097	25.032	ug/L	90
3) Chloromethane	2.221	50	156511	23.600	ug/L	98
5) Vinyl chloride	2.373	62	232025	25.258	ug/L	96
6) Bromomethane	2.788	94	126714	24.775	ug/L	96
8) Chloroethane	2.934	64	122047	24.227	ug/L	100
9) Trichlorofluoromethane	3.263	101	132789	26.225	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	180302	25.150	ug/L	96
12) 1,1-Dichloroethene	4.050	96	180766	25.012	ug/L	95
13) Acetone	4.147	43	70590	64.263	ug/L	87
14) Carbon disulfide	4.391	76	561021	24.543	ug/L	99
15) Methyl Acetate	4.678	43	75624	25.077	ug/L	99
16) Methylene chloride	4.928	84	192544	20.395	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	188785	24.100	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	238838	25.131	ug/L	96
19) 1,1-Dichloroethane	6.220	63	347947	24.711	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	200168	24.314	ug/L	91
22) 2-Butanone	7.177	43	103512	55.252	ug/L	96
23) Bromochloromethane	7.519	128	87801	24.536	ug/L	98
25) Chloroform	7.677	83	340837	24.400	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	217526	24.758	ug/L	96
29) Cyclohexane	7.958	56	329296	24.606	ug/L	93
30) 1,1,1-Trichloroethane	7.878	97	261023	24.462	ug/L	99
31) Carbon tetrachloride	8.073	117	245309	24.417	ug/L	99
33) Benzene	8.323	78	797107	24.329	ug/L	100
34) Trichloroethene	9.092	95	199277	23.898	ug/L	93
35) Methylcyclohexane	9.335	83	359060	24.412	ug/L	95
37) 1,2-Dichloropropane	9.372	63	193909	24.179	ug/L	99
38) Bromodichloromethane	9.646	83	241373	24.469	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	301207	25.184	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	215324	51.217	ug/L	96
42) Toluene	10.390	91	819074	24.103	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	255366	25.009	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	136425	24.007	ug/L	98
46) Tetrachloroethene	10.866	164	153804	23.877	ug/L	95
48) 2-Hexanone	10.969	43	146887	50.985	ug/L	95
49) Dibromochloromethane	11.128	129	151899	24.107	ug/L	92
50) 1,2-Dibromoethane	11.238	107	128139	23.824	ug/L	93
51) Chlorobenzene	11.658	112	500824	23.429	ug/L	96
52) Ethylbenzene	11.731	91	912538	24.564	ug/L	97
53) m,p-Xylene	11.841	106	340853	24.239	ug/L	96
54) o-Xylene	12.164	106	321103	23.934	ug/L	97
55) Styrene	12.182	104	569414	25.094	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	161749	24.111	ug/L	97
59) Bromoform	12.353	173	81024	24.128	ug/L	97
60) Isopropylbenzene	12.463	105	882628	25.200	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	120949	24.754	ug/L	96
62) 1,3,5-Trimethylbenzene	12.945	105	738213	25.292	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	730261	25.160	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	389608	24.965	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	388775	25.071	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	342599	24.829	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	25057	24.288	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	267981	23.722	ug/L	94
70) 1,2,4-trichlorobenzene	15.133	180	225562	24.247	ug/L	98
71) Naphthalene	15.365	128	436856	24.654	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	207295	25.755	ug/L	94

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

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