

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072221\
 Data File : VW019566.D
 Acq On : 22 Jul 2021 20:44
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025496

Quant Time: Jul 23 01:52:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 23 01:46:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	410281	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	392446	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	203649	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	109989	18.921	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.680%
7) Chloroethane-d5	2.898	69	86201	20.794	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.160%
11) 1,1-Dichloroethene-d2	4.032	63	227376	20.272	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.080%
21) 2-Butanone-d5	7.080	46	73886	43.791	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.580%
24) Chloroform-d	7.653	84	242498	21.391	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.560%
26) 1,2-Dichloroethane-d4	8.311	65	135068	21.711	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.840%
32) Benzene-d6	8.275	84	470760	20.152	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	9.274	67	149147	20.484	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.920%
41) Toluene-d8	10.323	98	428942	20.366	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.480%
43) trans-1,3-Dichloroprop...	10.579	79	63292	20.298	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.200%
47) 2-Hexanone-d5	10.927	63	59285	43.888	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.780%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	129849	22.070	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	148099	20.611	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	108549	22.210	ug/L	91
3) Chloromethane	2.221	50	113939	22.719	ug/L	97
5) Vinyl chloride	2.367	62	166346	24.099	ug/L	97
6) Bromomethane	2.788	94	94855	24.853	ug/L	97
8) Chloroethane	2.934	64	94209	25.642	ug/L	96
9) Trichlorofluoromethane	3.269	101	105368	25.129	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	132218	24.650	ug/L	96
12) 1,1-Dichloroethene	4.050	96	131417	24.535	ug/L	97
13) Acetone	4.135	43	50707	40.786	ug/L	85
14) Carbon disulfide	4.391	76	409348	23.866	ug/L	99
15) Methyl Acetate	4.678	43	69163	24.995	ug/L	99
16) Methylene chloride	4.922	84	173606	21.225	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	145683	25.011	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	205469	25.532	ug/L	95
19) 1,1-Dichloroethane	6.220	63	272415	25.473	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	155474	25.237	ug/L	95
22) 2-Butanone	7.177	43	85794	44.598	ug/L	98
23) Bromochloromethane	7.519	128	71352	25.717	ug/L	98
25) Chloroform	7.677	83	274865	25.983	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	184103	25.867	ug/L	97
29) Cyclohexane	7.958	56	238020	23.651	ug/L	93
30) 1,1,1-Trichloroethane	7.872	97	209041	25.809	ug/L	98
31) Carbon tetrachloride	8.073	117	186970	24.811	ug/L	98
33) Benzene	8.330	78	620621	25.265	ug/L	100
34) Trichloroethene	9.092	95	154907	24.708	ug/L	95
35) Methylcyclohexane	9.335	83	264377	23.830	ug/L	95
37) 1,2-Dichloropropane	9.372	63	157672	25.329	ug/L	99
38) Bromodichloromethane	9.646	83	198242	25.683	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	234622	24.646	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	194390	49.476	ug/L	97
42) Toluene	10.390	91	657166	25.668	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	205871	24.585	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	117308	25.327	ug/L	96
46) Tetrachloroethene	10.866	164	110747	23.177	ug/L	94
48) 2-Hexanone	10.969	43	134073	50.103	ug/L	95
49) Dibromochloromethane	11.128	129	128786	25.855	ug/L	91
50) 1,2-Dibromoethane	11.238	107	113066	25.451	ug/L	98
51) Chlorobenzene	11.658	112	405684	25.198	ug/L	99
52) Ethylbenzene	11.731	91	698639	25.065	ug/L	98
53) m,p-Xylene	11.841	106	265803	25.234	ug/L	97
54) o-Xylene	12.164	106	258259	25.945	ug/L	98
55) Styrene	12.182	104	445717	25.843	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	144141	25.270	ug/L	100
59) Bromoform	12.347	173	72269	24.862	ug/L	97
60) Isopropylbenzene	12.463	105	685293	25.039	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	109411	24.525	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	574070	25.051	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	581834	25.198	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	294246	23.494	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	300863	24.311	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	286409	25.384	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	23651	24.295	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	209562	22.900	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	178733	23.360	ug/L	96
71) Naphthalene	15.365	128	390696	25.283	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	176840	25.809	ug/L	96

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

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