

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082021\
 Data File : VW019819.D
 Acq On : 20 Aug 2021 08:45
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025517

Quant Time: Aug 20 23:30:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 20 00:38:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	343853	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	325129	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	168617	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	142961	26.834	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.320%
7) Chloroethane-d5	2.897	69	119160	25.482	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.920%
11) 1,1-Dichloroethene-d2	4.031	63	230388	24.921	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.680%
21) 2-Butanone-d5	7.086	46	54236	50.118	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.240%
24) Chloroform-d	7.653	84	239624	25.340	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.360%
26) 1,2-Dichloroethane-d4	8.311	65	126798	24.881	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.520%
32) Benzene-d6	8.274	84	466984	25.191	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.760%
36) 1,2-Dichloropropane-d6	9.274	67	139098	24.778	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.120%
41) Toluene-d8	10.329	98	426611	25.112	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.440%
43) trans-1,3-Dichloroprop...	10.579	79	59794	25.782	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.120%
47) 2-Hexanone-d5	10.926	63	40046	51.206	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.420%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	119354	26.122	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	134994	23.339	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.360%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	85084	25.249	ug/L	96
3) Chloromethane	2.221	50	107588	25.655	ug/L	99
5) Vinyl chloride	2.373	62	171517	27.579	ug/L	99
6) Bromomethane	2.788	94	113677	24.632	ug/L	100
8) Chloroethane	2.934	64	104696	25.680	ug/L	98
9) Trichlorofluoromethane	3.269	101	104123	26.029	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	125488	26.429	ug/L	98
12) 1,1-Dichloroethene	4.050	96	119212	25.603	ug/L	97
13) Acetone	4.129	43	47634	51.563	ug/L	89
14) Carbon disulfide	4.391	76	387472	26.017	ug/L	100
15) Methyl Acetate	4.671	43	49061	25.513	ug/L	98
16) Methylene chloride	4.921	84	130705	22.148	ug/L	96
17) trans-1,2-Dichloroethene	5.434	96	123700	25.289	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	141976	25.216	ug/L	98
19) 1,1-Dichloroethane	6.226	63	223402	25.766	ug/L	96
20) cis-1,2-Dichloroethene	7.177	96	127519	25.756	ug/L	100
22) 2-Butanone	7.171	43	66465	55.521	ug/L	98
23) Bromochloromethane	7.519	128	58544	26.422	ug/L	97
25) Chloroform	7.677	83	229944	25.634	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	152697	26.095	ug/L	96
29) Cyclohexane	7.964	56	203621	26.669	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	188773	25.979	ug/L	99
31) Carbon tetrachloride	8.073	117	177022	26.134	ug/L	100
33) Benzene	8.329	78	523987	26.259	ug/L	100
34) Trichloroethene	9.091	95	128194	24.712	ug/L	95
35) Methylcyclohexane	9.335	83	237196	26.658	ug/L	98
37) 1,2-Dichloropropane	9.372	63	127025	25.703	ug/L	99
38) Bromodichloromethane	9.646	83	162723	25.417	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	189889	26.092	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	144042	54.812	ug/L	98
42) Toluene	10.390	91	560763	26.529	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	167949	26.218	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	94820	26.502	ug/L	98
46) Tetrachloroethene	10.866	164	101037	25.712	ug/L	99
48) 2-Hexanone	10.969	43	109607	59.917	ug/L	98
49) Dibromochloromethane	11.128	129	108366	26.478	ug/L	98
50) 1,2-Dibromoethane	11.237	107	86602	25.771	ug/L	95
51) Chlorobenzene	11.658	112	335506	24.991	ug/L	99
52) Ethylbenzene	11.731	91	604529	26.564	ug/L	98
53) m,p-Xylene	11.841	106	234254	26.805	ug/L	96
54) o-Xylene	12.164	106	215622	26.083	ug/L	96
55) Styrene	12.182	104	382021	27.045	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	116130	26.468	ug/L	96
59) Bromoform	12.347	173	57237	25.566	ug/L	98
60) Isopropylbenzene	12.463	105	586464	25.669	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	85155	25.758	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	486394	26.673	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	492036	26.620	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	259471	25.473	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	254356	24.294	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	234673	25.370	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	18398	25.528	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	181978	25.928	ug/L	100
70) 1,2,4-trichlorobenzene	15.133	180	137179	25.436	ug/L	94
71) Naphthalene	15.365	128	292768	27.219	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	129515	25.935	ug/L	97

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

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