

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072221\
 Data File : VW019544.D
 Acq On : 22 Jul 2021 10:34
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025495

Quant Time: Jul 23 01:42:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 22 00:59:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	447871	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	417038	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	215638	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	145181	22.878	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.520%
7) Chloroethane-d5	2.891	69	108164	23.902	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	4.031	63	286729	23.418	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.680%
21) 2-Butanone-d5	7.085	46	93457	50.742	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.480%
24) Chloroform-d	7.652	84	299819	24.228	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.920%
26) 1,2-Dichloroethane-d4	8.305	65	164540	24.229	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.920%
32) Benzene-d6	8.280	84	595176	23.975	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.920%
36) 1,2-Dichloropropane-d6	9.274	67	183470	23.712	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.840%
41) Toluene-d8	10.323	98	532935	23.811	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.240%
43) trans-1,3-Dichloroprop...	10.579	79	79092	23.869	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.480%
47) 2-Hexanone-d5	10.926	63	76416	53.234	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.460%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	162997	26.071	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	184393	24.236	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	126583	23.727	ug/L	96
3) Chloromethane	2.221	50	123427	22.545	ug/L	98
5) Vinyl chloride	2.367	62	182462	24.215	ug/L	96
6) Bromomethane	2.787	94	102125	24.512	ug/L	95
8) Chloroethane	2.934	64	99844	24.895	ug/L	98
9) Trichlorofluoromethane	3.263	101	121207	26.480	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	145738	24.891	ug/L	96
12) 1,1-Dichloroethene	4.049	96	144969	24.794	ug/L	97
13) Acetone	4.141	43	62574	46.107	ug/L	87
14) Carbon disulfide	4.391	76	456473	24.379	ug/L	99
15) Methyl Acetate	4.677	43	75179	24.889	ug/L	100
16) Methylene chloride	4.921	84	173543	19.437	ug/L	97
17) trans-1,2-Dichloroethene	5.433	96	155196	24.408	ug/L	98
18) Methyl tert-butyl Ether	5.433	73	218948	24.924	ug/L	95
19) 1,1-Dichloroethane	6.220	63	287487	24.626	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	163219	24.270	ug/L	92
22) 2-Butanone	7.177	43	99082	47.183	ug/L	97
23) Bromochloromethane	7.518	128	75982	25.087	ug/L	97
25) Chloroform	7.677	83	286816	24.837	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	195660	25.183	ug/L	97
29) Cyclohexane	7.963	56	265345	24.811	ug/L	94
30) 1,1,1-Trichloroethane	7.878	97	224035	26.029	ug/L	99
31) Carbon tetrachloride	8.073	117	207622	25.927	ug/L	99
33) Benzene	8.323	78	654880	25.088	ug/L	100
34) Trichloroethene	9.091	95	164625	24.710	ug/L	94
35) Methylcyclohexane	9.335	83	295385	25.054	ug/L	95
37) 1,2-Dichloropropane	9.372	63	162504	24.566	ug/L	99
38) Bromodichloromethane	9.646	83	203112	24.762	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	249444	24.657	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	213455	51.125	ug/L	97
42) Toluene	10.390	91	695274	25.555	ug/L	97
44) trans-1,3-Dichloropropene	10.609	75	222134	24.963	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	123869	25.166	ug/L	96
46) Tetrachloroethene	10.865	164	125923	24.799	ug/L	99
48) 2-Hexanone	10.969	43	148320	52.158	ug/L	95
49) Dibromochloromethane	11.127	129	136719	25.829	ug/L	93
50) 1,2-Dibromoethane	11.237	107	118619	25.126	ug/L	99
51) Chlorobenzene	11.658	112	420974	24.606	ug/L	97
52) Ethylbenzene	11.731	91	756291	25.534	ug/L	97
53) m,p-Xylene	11.841	106	291016	25.998	ug/L	99
54) o-Xylene	12.164	106	271955	25.710	ug/L	97
55) Styrene	12.182	104	472656	25.789	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	155580	25.667	ug/L	98
59) Bromoform	12.353	173	77060	25.036	ug/L	97
60) Isopropylbenzene	12.463	105	731204	25.231	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	117429	24.859	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	622357	25.648	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	616588	25.219	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	322346	24.306	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	320062	24.424	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	291181	24.372	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.480	75	25461	24.700	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	230905	23.829	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	193781	23.919	ug/L	97
71) Naphthalene	15.364	128	413299	25.259	ug/L	100
72) 1,2,3-Trichlorobenzene	15.553	180	179462	24.736	ug/L	97

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

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