

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072121\
 Data File : VW019542.D
 Acq On : 21 Jul 2021 18:41
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025494

Quant Time: Jul 22 01:03:34 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	8.848	114	448113	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	421024	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	215666	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	132925	20.936	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.760%
7) Chloroethane-d5	2.898	69	101914	22.509	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.040%
11) 1,1-Dichloroethene-d2	4.032	63	268906	21.950	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.800%
21) 2-Butanone-d5	7.080	46	96359	52.289	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.580%
24) Chloroform-d	7.653	84	290983	23.501	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	8.311	65	160475	23.617	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.480%
32) Benzene-d6	8.281	84	554463	22.124	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.480%
36) 1,2-Dichloropropane-d6	9.275	67	176761	22.629	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.520%
41) Toluene-d8	10.323	98	503358	22.277	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.120%
43) trans-1,3-Dichloroprop...	10.579	79	77820	23.263	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.040%
47) 2-Hexanone-d5	10.927	63	76383	52.707	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.420%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	157170	24.901	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	172896	22.722	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	132950	24.907	ug/L	98
3) Chloromethane	2.221	50	120952	22.081	ug/L	98
5) Vinyl chloride	2.373	62	179676	23.833	ug/L	100
6) Bromomethane	2.788	94	101571	24.366	ug/L	99
8) Chloroethane	2.934	64	100581	25.065	ug/L	97
9) Trichlorofluoromethane	3.270	101	113070	24.689	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	145727	24.875	ug/L	96
12) 1,1-Dichloroethene	4.050	96	144175	24.645	ug/L	96
13) Acetone	4.129	43	63988	47.124	ug/L	91
14) Carbon disulfide	4.391	76	443526	23.675	ug/L	99
15) Methyl Acetate	4.678	43	80279	26.563	ug/L	99
16) Methylene chloride	4.928	84	191329	21.417	ug/L	96
17) trans-1,2-Dichloroethene	5.434	96	156531	24.605	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	232152	26.412	ug/L	96
19) 1,1-Dichloroethane	6.220	63	296308	25.368	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	172138	25.582	ug/L	93
22) 2-Butanone	7.177	43	104773	49.866	ug/L	96
23) Bromochloromethane	7.519	128	78469	25.894	ug/L	88
25) Chloroform	7.683	83	301051	26.056	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	203855	26.224	ug/L	97
29) Cyclohexane	7.958	56	265480	24.589	ug/L	93
30) 1,1,1-Trichloroethane	7.878	97	219704	25.284	ug/L	100
31) Carbon tetrachloride	8.067	117	202300	25.023	ug/L	99
33) Benzene	8.323	78	661399	25.098	ug/L	100
34) Trichloroethene	9.098	95	168264	25.017	ug/L	92
35) Methylcyclohexane	9.335	83	293586	24.666	ug/L	95
37) 1,2-Dichloropropane	9.372	63	170830	25.580	ug/L	98
38) Bromodichloromethane	9.646	83	214816	25.941	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	263780	25.828	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	229228	54.383	ug/L	96
42) Toluene	10.390	91	714814	26.024	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	230878	25.700	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	131368	26.437	ug/L	97
46) Tetrachloroethene	10.860	164	126812	24.738	ug/L	96
48) 2-Hexanone	10.969	43	160272	55.828	ug/L	96
49) Dibromochloromethane	11.128	129	140222	26.240	ug/L	99
50) 1,2-Dibromoethane	11.238	107	126201	26.479	ug/L	95
51) Chlorobenzene	11.658	112	436471	25.270	ug/L	98
52) Ethylbenzene	11.731	91	769223	25.724	ug/L	96
53) m,p-Xylene	11.841	106	290326	25.691	ug/L	98
54) o-Xylene	12.164	106	281685	26.378	ug/L	98
55) Styrene	12.183	104	486224	26.278	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	163644	26.742	ug/L	99
59) Bromoform	12.347	173	80605	26.185	ug/L #	96
60) Isopropylbenzene	12.463	105	741841	25.595	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	122848	26.003	ug/L	96
62) 1,3,5-Trimethylbenzene	12.945	105	626564	25.818	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	632406	25.862	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	330993	24.955	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	337885	25.781	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	301638	25.244	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	27114	26.300	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	236508	24.404	ug/L	95
70) 1,2,4-trichlorobenzene	15.133	180	198617	24.513	ug/L	98
71) Naphthalene	15.365	128	441660	26.989	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	190158	26.207	ug/L	95

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

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