

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072721\
 Data File : VW019612.D
 Acq On : 27 Jul 2021 10:16
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025499

Quant Time: Jul 28 00:44:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 27 01:09:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	443626	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	407276	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	212644	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	126371	20.105	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.400%
7) Chloroethane-d5	2.898	69	98915	22.068	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.280%
11) 1,1-Dichloroethene-d2	4.026	63	251862	20.767	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.080%
21) 2-Butanone-d5	7.080	46	85477	46.853	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.700%
24) Chloroform-d	7.653	84	270029	22.029	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.120%
26) 1,2-Dichloroethane-d4	8.305	65	145874	21.686	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.760%
32) Benzene-d6	8.275	84	522114	21.536	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.160%
36) 1,2-Dichloropropane-d6	9.275	67	162170	21.462	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.840%
41) Toluene-d8	10.323	98	466730	21.353	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	10.579	79	69740	21.551	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.200%
47) 2-Hexanone-d5	10.927	63	69693	49.714	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.420%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	148261	24.282	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	159600	21.273	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	121445	22.981	ug/L	98
3) Chloromethane	2.221	50	116202	21.429	ug/L	99
5) Vinyl chloride	2.367	62	171789	23.017	ug/L	97
6) Bromomethane	2.788	94	96543	23.394	ug/L	98
8) Chloroethane	2.934	64	96178	24.210	ug/L	100
9) Trichlorofluoromethane	3.270	101	118047	26.036	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	139814	24.107	ug/L	95
12) 1,1-Dichloroethene	4.044	96	135756	23.440	ug/L	98
13) Acetone	4.123	43	79954	59.478	ug/L	88
14) Carbon disulfide	4.391	76	427262	23.038	ug/L	100
15) Methyl Acetate	4.672	43	69115	23.101	ug/L	99
16) Methylene chloride	4.922	84	161601	18.272	ug/L	94
17) trans-1,2-Dichloroethene	5.428	96	144618	22.962	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	190232	21.862	ug/L	96
19) 1,1-Dichloroethane	6.220	63	264065	22.836	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	153110	22.985	ug/L	99
22) 2-Butanone	7.171	43	101716	48.901	ug/L	98
23) Bromochloromethane	7.519	128	71073	23.691	ug/L	95
25) Chloroform	7.677	83	268697	23.491	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	177211	23.027	ug/L	96
29) Cyclohexane	7.958	56	236292	22.624	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	210969	25.099	ug/L	98
31) Carbon tetrachloride	8.074	117	194434	24.862	ug/L	99
33) Benzene	8.324	78	606542	23.793	ug/L	100
34) Trichloroethene	9.092	95	153190	23.545	ug/L	95
35) Methylcyclohexane	9.336	83	262962	22.839	ug/L	95
37) 1,2-Dichloropropane	9.366	63	150564	23.306	ug/L	99
38) Bromodichloromethane	9.646	83	190500	23.781	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	230206	23.301	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	195617	47.976	ug/L	97
42) Toluene	10.390	91	648939	24.423	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	206121	23.719	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	116056	24.144	ug/L	97
46) Tetrachloroethene	10.866	164	116082	23.409	ug/L	95
48) 2-Hexanone	10.969	43	150739	54.280	ug/L	97
49) Dibromochloromethane	11.128	129	126965	24.561	ug/L	96
50) 1,2-Dibromoethane	11.238	107	109259	23.698	ug/L #	99
51) Chlorobenzene	11.658	112	396574	23.735	ug/L	99
52) Ethylbenzene	11.731	91	690446	23.869	ug/L	98
53) m,p-Xylene	11.841	106	265039	24.245	ug/L	98
54) o-Xylene	12.164	106	248521	24.058	ug/L	98
55) Styrene	12.183	104	441046	24.641	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	143666	24.270	ug/L	99
59) Bromoform	12.353	173	72183	23.782	ug/L	97
60) Isopropylbenzene	12.463	105	673245	23.558	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	108167	23.221	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	560208	23.412	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	564453	23.411	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	290973	22.250	ug/L	88
65) 1,4-Dichlorobenzene	13.579	146	293009	22.675	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	271046	23.006	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	24098	23.707	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	221658	23.197	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	174845	21.886	ug/L	99
71) Naphthalene	15.365	128	367053	22.748	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	161325	22.549	ug/L	95

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

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