

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
 Data File : VW019866.D
 Acq On : 24 Aug 2021 09:40
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025521

Quant Time: Aug 25 00:53:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 24 00:54:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	350069	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	327265	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	172409	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	142078	26.195	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.760%	
7) Chloroethane-d5	2.898	69	127305	26.740	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.960%	
11) 1,1-Dichloroethene-d2	4.031	63	224458	23.849	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 95.400%	
21) 2-Butanone-d5	7.086	46	43334	39.333	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 78.660%	
24) Chloroform-d	7.653	84	244455	25.392	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 101.560%	
26) 1,2-Dichloroethane-d4	8.311	65	122460	23.604	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 94.400%	
32) Benzene-d6	8.281	84	477780	25.605	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 102.400%	
36) 1,2-Dichloropropane-d6	9.274	67	138642	24.535	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 98.160%	
41) Toluene-d8	10.323	98	437252	25.570	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 102.280%	
43) trans-1,3-Dichloroprop...	10.579	79	56704	24.290	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 97.160%	
47) 2-Hexanone-d5	10.927	63	32232	40.945	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 81.900%	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	108056	23.495	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 93.960%	
66) 1,2-Dichlorobenzene-d4	13.853	152	142548	24.103	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 96.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	90185	26.288	ug/L	99
3) Chloromethane	2.221	50	96379	22.574	ug/L	98
5) Vinyl chloride	2.373	62	163132	25.765	ug/L	97
6) Bromomethane	2.788	94	116001	24.689	ug/L	100
8) Chloroethane	2.934	64	106213	25.589	ug/L	97
9) Trichlorofluoromethane	3.269	101	93670	23.000	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	122086	25.256	ug/L	96
12) 1,1-Dichloroethene	4.050	96	113324	23.906	ug/L	99
13) Acetone	4.135	43	32174	34.209	ug/L	86
14) Carbon disulfide	4.391	76	359978	23.742	ug/L	99
15) Methyl Acetate	4.678	43	38640	19.737	ug/L	100
16) Methylene chloride	4.922	84	126276	21.017	ug/L	97
17) trans-1,2-Dichloroethene	5.434	96	118867	23.870	ug/L	93
18) Methyl tert-butyl Ether	5.428	73	121324	21.165	ug/L	97
19) 1,1-Dichloroethane	6.220	63	209478	23.731	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	118770	23.563	ug/L	99
22) 2-Butanone	7.183	43	48333	39.658	ug/L	99
23) Bromochloromethane	7.519	128	52828	23.419	ug/L	91
25) Chloroform	7.677	83	217441	23.810	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	135235	22.700	ug/L	96
29) Cyclohexane	7.964	56	186445	24.260	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	180451	24.672	ug/L	99
31) Carbon tetrachloride	8.073	117	170563	25.016	ug/L	99
33) Benzene	8.323	78	495058	24.647	ug/L	100
34) Trichloroethene	9.092	95	123046	23.565	ug/L	94
35) Methylcyclohexane	9.341	83	226815	25.325	ug/L	98
37) 1,2-Dichloropropane	9.372	63	118764	23.874	ug/L	99
38) Bromodichloromethane	9.646	83	152209	23.619	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	172774	23.586	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	107964	40.815	ug/L	98
42) Toluene	10.390	91	528314	24.830	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	151326	23.469	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	83064	23.065	ug/L	99
46) Tetrachloroethene	10.866	164	94873	23.986	ug/L	97
48) 2-Hexanone	10.969	43	76697	41.653	ug/L	96
49) Dibromochloromethane	11.128	129	95907	23.281	ug/L	94
50) 1,2-Dibromoethane	11.238	107	74742	22.096	ug/L	97
51) Chlorobenzene	11.658	112	322988	23.901	ug/L	98
52) Ethylbenzene	11.731	91	571681	24.957	ug/L	98
53) m,p-Xylene	11.841	106	220213	25.034	ug/L	96
54) o-Xylene	12.164	106	205382	24.682	ug/L	99
55) Styrene	12.182	104	360713	25.370	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	95453	21.613	ug/L	96
59) Bromoform	12.347	173	47942	20.943	ug/L	98
60) Isopropylbenzene	12.463	105	558594	23.912	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	68914	20.387	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	467347	25.065	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	467845	24.754	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	237774	22.829	ug/L	90
65) 1,4-Dichlorobenzene	13.579	146	247210	23.092	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	216104	22.849	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	14229	19.309	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	169569	23.629	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	130221	23.615	ug/L	99
71) Naphthalene	15.365	128	233290	21.212	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	120606	23.619	ug/L	98

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

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