

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
 Data File : VW019904.D
 Acq On : 25 Aug 2021 19:12
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025524

Quant Time: Aug 26 01:12:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 26 01:07:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	428289	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	387933	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	194820	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	137192	20.674	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.680%
7) Chloroethane-d5	2.904	69	117663	20.201	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.800%
11) 1,1-Dichloroethene-d2	4.032	63	249304	21.651	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.600%
21) 2-Butanone-d5	7.086	46	71543	53.078	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.160%
24) Chloroform-d	7.653	84	271029	23.010	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.040%
26) 1,2-Dichloroethane-d4	8.311	65	146546	23.087	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.360%
32) Benzene-d6	8.281	84	533635	24.126	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.520%
36) 1,2-Dichloropropane-d6	9.275	67	159800	23.857	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.440%
41) Toluene-d8	10.323	98	482795	23.818	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.280%
43) trans-1,3-Dichloroprop...	10.579	79	68314	24.687	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.760%
47) 2-Hexanone-d5	10.927	63	50648	54.278	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.560%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	130995	24.028	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	166075	24.851	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.020	85	78705	18.752	ug/L	94
3) Chloromethane	2.221	50	98333	18.826	ug/L	100
5) Vinyl chloride	2.373	62	157160	20.288	ug/L	100
6) Bromomethane	2.788	94	108642	18.900	ug/L	100
8) Chloroethane	2.934	64	99680	19.629	ug/L	92
9) Trichlorofluoromethane	3.270	101	93956	18.857	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	127014	21.477	ug/L	96
12) 1,1-Dichloroethene	4.050	96	122507	21.123	ug/L	87
13) Acetone	4.129	43	45982	39.962	ug/L	89
14) Carbon disulfide	4.391	76	367066	19.788	ug/L	100
15) Methyl Acetate	4.672	43	52668	21.989	ug/L	98
16) Methylene chloride	4.922	84	155574	21.164	ug/L	97
17) trans-1,2-Dichloroethene	5.434	96	133326	21.884	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	174105	24.826	ug/L	98
19) 1,1-Dichloroethane	6.226	63	238787	22.111	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	141388	22.927	ug/L	96
22) 2-Butanone	7.177	43	68975	46.259	ug/L	98
23) Bromochloromethane	7.519	128	61444	22.264	ug/L	98
25) Chloroform	7.683	83	240350	21.512	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	160931	22.080	ug/L	99
29) Cyclohexane	7.964	56	217182	23.840	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	197786	22.813	ug/L	99
31) Carbon tetrachloride	8.074	117	174043	21.534	ug/L	98
33) Benzene	8.323	78	543845	22.842	ug/L	100
34) Trichloroethene	9.092	95	139383	22.519	ug/L	94
35) Methylcyclohexane	9.342	83	249153	23.468	ug/L	99
37) 1,2-Dichloropropane	9.372	63	132725	22.508	ug/L	99
38) Bromodichloromethane	9.646	83	168345	22.038	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	203762	23.466	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	155857	49.707	ug/L	96
42) Toluene	10.390	91	586300	23.246	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	178870	23.402	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	97233	22.777	ug/L	97
46) Tetrachloroethene	10.866	164	100473	21.429	ug/L	91
48) 2-Hexanone	10.969	43	108393	49.660	ug/L	97
49) Dibromochloromethane	11.128	129	109232	22.369	ug/L	99
50) 1,2-Dibromoethane	11.238	107	91062	22.711	ug/L	100
51) Chlorobenzene	11.658	112	363265	22.678	ug/L	99
52) Ethylbenzene	11.731	91	643342	23.693	ug/L	98
53) m,p-Xylene	11.841	106	246735	23.662	ug/L	98
54) o-Xylene	12.164	106	238032	24.132	ug/L	96
55) Styrene	12.183	104	401175	23.803	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	116953	22.340	ug/L	99
59) Bromoform	12.347	173	57110	22.079	ug/L	97
60) Isopropylbenzene	12.463	105	635291	24.066	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	86985	22.773	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	541164	25.685	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	535874	25.092	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	274997	23.366	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	273240	22.587	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	245864	23.005	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	18536	22.261	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	198896	24.527	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	163336	26.213	ug/L	100
71) Naphthalene	15.365	128	333838	26.862	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	142819	24.752	ug/L	96

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

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