

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
 Data File : VW021986.D
 Acq On : 17 Jan 2022 19:47
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025543

Quant Time: Jan 18 00:41:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 18 00:36:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	145704	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	143322	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	82289	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	44501	16.432	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.720%
7) Chloroethane-d5	2.879	69	34483	14.101	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.400%
11) 1,1-Dichloroethene-d2	4.019	63	78105	18.268	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.080%
21) 2-Butanone-d5	7.080	46	19978	52.265	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.540%
24) Chloroform-d	7.647	84	96632	20.529	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.120%
26) 1,2-Dichloroethane-d4	8.305	65	48407	21.296	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.200%
32) Benzene-d6	8.275	84	189452	20.372	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.480%
36) 1,2-Dichloropropane-d6	9.274	67	51029	20.818	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.280%
41) Toluene-d8	10.323	98	185913	19.831	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.320%
43) trans-1,3-Dichloroprop...	10.579	79	21474	20.634	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.520%
47) 2-Hexanone-d5	10.920	63	17882	53.763	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.520%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	44417	23.173	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	71801	21.220	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	14208	24.735	ug/L	97
3) Chloromethane	2.215	50	42230	20.278	ug/L	100
5) Vinyl chloride	2.361	62	58274	19.478	ug/L	99
6) Bromomethane	2.776	94	37861	17.898	ug/L	95
8) Chloroethane	2.916	64	30612	16.931	ug/L	98
9) Trichlorofluoromethane	3.257	101	36838	16.569	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	49981	20.653	ug/L	# 46
12) 1,1-Dichloroethene	4.038	96	47176	21.692	ug/L	73
13) Acetone	4.129	43	13065	41.371	ug/L	87
14) Carbon disulfide	4.385	76	112944	19.836	ug/L	99
15) Methyl Acetate	4.678	43	16409	25.708	ug/L	# 83
16) Methylene chloride	4.915	84	48299	19.369	ug/L	79
17) trans-1,2-Dichloroethene	5.428	96	52108	22.173	ug/L	79
18) Methyl tert-butyl Ether	5.428	73	73813	24.630	ug/L	# 81
19) 1,1-Dichloroethane	6.214	63	82539	23.949	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	57523	23.794	ug/L	70
22) 2-Butanone	7.171	43	21183	52.477	ug/L	78
23) Bromochloromethane	7.513	128	28095	23.356	ug/L	# 59
25) Chloroform	7.677	83	95841	23.503	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	58088	24.599	ug/L #	92
29) Cyclohexane	7.952	56	69927	21.809	ug/L #	77
30) 1,1,1-Trichloroethane	7.878	97	82234	22.136	ug/L #	92
31) Carbon tetrachloride	8.073	117	77373	21.493	ug/L	96
33) Benzene	8.323	78	202763	23.072	ug/L	100
34) Trichloroethene	9.092	95	57076	22.386	ug/L	84
35) Methylcyclohexane	9.335	83	90112	21.492	ug/L #	81
37) 1,2-Dichloropropane	9.366	63	45876	23.962	ug/L #	95
38) Bromodichloromethane	9.646	83	65442	24.486	ug/L #	95
39) cis-1,3-Dichloropropene	10.073	75	74451	25.026	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	49252	54.763	ug/L #	86
42) Toluene	10.384	91	234951	23.837	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	62659	25.165	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	40263	24.770	ug/L	93
46) Tetrachloroethene	10.860	164	52238	20.719	ug/L	96
48) 2-Hexanone	10.969	43	33199	53.951	ug/L #	89
49) Dibromochloromethane	11.128	129	52487	25.626	ug/L	93
50) 1,2-Dibromoethane	11.231	107	41164	25.512	ug/L	100
51) Chlorobenzene	11.658	112	165527	23.785	ug/L #	86
52) Ethylbenzene	11.731	91	259840	23.731	ug/L	94
53) m,p-Xylene	11.835	106	109820	23.985	ug/L	90
54) o-Xylene	12.164	106	103867	24.436	ug/L	87
55) Styrene	12.176	104	171198	24.396	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	44011	25.164	ug/L #	96
59) Bromoform	12.347	173	28429	25.339	ug/L	98
60) Isopropylbenzene	12.463	105	278629	24.865	ug/L	93
61) 1,2,3-Trichloropropane	12.768	75	31893	27.120	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.938	105	234954	25.320	ug/L	91
63) 1,2,4-Trimethylbenzene	13.249	105	231351	25.279	ug/L	93
64) 1,3-Dichlorobenzene	13.499	146	131652	23.368	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	130240	23.413	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	118837	24.091	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	5934	26.130	ug/L #	54
69) 1,3,5-Trichlorobenzene	14.627	180	92181	22.014	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	71683	21.484	ug/L	94
71) Naphthalene	15.359	128	139902	27.182	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	58508	21.234	ug/L	97

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

