

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062122\
 Data File : VW023504.D
 Acq On : 21 Jun 2022 14:38
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025577

Quant Time: Jun 22 01:06:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 22 01:04:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	377344	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	363322	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	194459	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	103341	17.238	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.960%
7) Chloroethane-d5	2.885	69	81698	18.539	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.160%
11) 1,1-Dichloroethene-d2	4.025	63	161602	19.313	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.240%
21) 2-Butanone-d5	7.079	46	61307	50.088	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.180%
24) Chloroform-d	7.652	84	223511	21.517	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.080%
26) 1,2-Dichloroethane-d4	8.305	65	117574	21.017	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.080%
32) Benzene-d6	8.274	84	386285	20.052	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	9.274	67	123320	21.728	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.920%
41) Toluene-d8	10.323	98	383535	20.383	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.520%
43) trans-1,3-Dichloroprop...	10.579	79	53301	20.576	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.320%
47) 2-Hexanone-d5	10.926	63	48426	53.396	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.800%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	124263	23.442	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	153507	21.867	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	36752	26.711	ug/L	99
3) Chloromethane	2.214	50	113882	25.022	ug/L	98
5) Vinyl chloride	2.361	62	164512	23.192	ug/L	98
6) Bromomethane	2.775	94	80575	20.070	ug/L	96
8) Chloroethane	2.922	64	84637	22.524	ug/L	100
9) Trichlorofluoromethane	3.257	101	70929	22.171	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	114620	24.852	ug/L	97
12) 1,1-Dichloroethene	4.043	96	98156	23.890	ug/L	89
13) Acetone	4.123	43	39952	45.305	ug/L	98
14) Carbon disulfide	4.385	76	268094	21.211	ug/L	100
15) Methyl Acetate	4.671	43	50281	25.538	ug/L	96
16) Methylene chloride	4.921	84	120639	23.623	ug/L	93
17) trans-1,2-Dichloroethene	5.427	96	114318	23.500	ug/L	99
18) Methyl tert-butyl Ether	5.427	73	193430	26.418	ug/L	99
19) 1,1-Dichloroethane	6.220	63	213679	24.522	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	131192	24.660	ug/L #	97
22) 2-Butanone	7.171	43	67363	49.907	ug/L	99
23) Bromochloromethane	7.512	128	64064	26.140	ug/L	96
25) Chloroform	7.677	83	241189	24.527	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	155908	23.973	ug/L	99
29) Cyclohexane	7.957	56	165035	22.552	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	202783	24.112	ug/L	99
31) Carbon tetrachloride	8.067	117	178891	23.089	ug/L	98
33) Benzene	8.323	78	500422	23.843	ug/L	100
34) Trichloroethene	9.091	95	131147	23.313	ug/L	97
35) Methylcyclohexane	9.335	83	206980	22.726	ug/L	100
37) 1,2-Dichloropropane	9.372	63	125927	24.552	ug/L	100
38) Bromodichloromethane	9.646	83	179152	24.834	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	193286	24.592	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	154071	52.666	ug/L	99
42) Toluene	10.390	91	566226	24.147	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	172686	24.349	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	105389	25.014	ug/L	99
46) Tetrachloroethene	10.859	164	100492	23.140	ug/L	85
48) 2-Hexanone	10.969	43	105532	53.379	ug/L	97
49) Dibromochloromethane	11.127	129	127013	25.742	ug/L	99
50) 1,2-Dibromoethane	11.237	107	98349	24.971	ug/L	93
51) Chlorobenzene	11.658	112	375955	23.756	ug/L	98
52) Ethylbenzene	11.731	91	627362	23.540	ug/L	99
53) m,p-Xylene	11.841	106	254370	24.523	ug/L	98
54) o-Xylene	12.164	106	241988	24.413	ug/L	100
55) Styrene	12.182	104	421104	24.434	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	130004	25.409	ug/L	96
59) Bromoform	12.347	173	70214	25.402	ug/L	99
60) Isopropylbenzene	12.463	105	655477	23.549	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	93624	25.303	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	546584	24.010	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	546492	23.988	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	298930	24.208	ug/L	90
65) 1,4-Dichlorobenzene	13.578	146	299262	23.734	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	275786	24.384	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.480	75	19025	23.286	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	188686	23.385	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	143916	22.906	ug/L	99
71) Naphthalene	15.364	128	318658	25.782	ug/L	100
72) 1,2,3-Trichlorobenzene	15.553	180	132376	24.236	ug/L	99

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

