

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050622\
 Data File : VW022916.D
 Acq On : 07 May 2022 02:34
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025521

Quant Time: May 07 03:08:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 07 01:54:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	272031	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	274237	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	154678	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	118371	21.209	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.840%
7) Chloroethane-d5	2.885	69	94558	26.042	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.160%
11) 1,1-Dichloroethene-d2	4.025	63	152610	21.162	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.640%
21) 2-Butanone-d5	7.080	46	64454	60.740	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.480%
24) Chloroform-d	7.647	84	209459	26.281	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.120%
26) 1,2-Dichloroethane-d4	8.305	65	116608	26.677	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.720%
32) Benzene-d6	8.275	84	388547	24.581	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.320%
36) 1,2-Dichloropropane-d6	9.274	67	114915	25.881	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.520%
41) Toluene-d8	10.323	98	366492	24.002	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	10.579	79	50273	24.590	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.360%
47) 2-Hexanone-d5	10.920	63	53997	63.704	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.400%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	125270	30.269	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.080%#
66) 1,2-Dichlorobenzene-d4	13.853	152	142541	26.362	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	33408	22.528	ug/L	98
3) Chloromethane	2.221	50	68732	23.985	ug/L	100
5) Vinyl chloride	2.361	62	137477	23.905	ug/L	99
6) Bromomethane	2.776	94	89615	24.270	ug/L	90
8) Chloroethane	2.922	64	75535	27.231	ug/L	96
9) Trichlorofluoromethane	3.257	101	55722	21.199	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	93459	23.779	ug/L #	76
12) 1,1-Dichloroethene	4.038	96	80024	22.968	ug/L	98
13) Acetone	4.123	43	36699	46.193	ug/L	98
14) Carbon disulfide	4.385	76	191097	20.006	ug/L	99
15) Methyl Acetate	4.672	43	46162	28.922	ug/L	93
16) Methylene chloride	4.922	84	101197	25.423	ug/L	94
17) trans-1,2-Dichloroethene	5.428	96	91033	23.218	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	163949	27.392	ug/L	99
19) 1,1-Dichloroethane	6.214	63	171792	25.852	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	107478	25.521	ug/L #	95
22) 2-Butanone	7.171	43	60051	54.048	ug/L	98
23) Bromochloromethane	7.519	128	48636	24.660	ug/L	90
25) Chloroform	7.677	83	197259	26.846	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	130585	26.661	ug/L	99
29) Cyclohexane	7.958	56	133583	22.523	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	158518	24.460	ug/L	98
31) Carbon tetrachloride	8.067	117	142583	23.520	ug/L	100
33) Benzene	8.323	78	403339	24.966	ug/L	100
34) Trichloroethene	9.091	95	106169	23.896	ug/L	94
35) Methylcyclohexane	9.335	83	164257	22.505	ug/L	98
37) 1,2-Dichloropropane	9.366	63	99109	25.350	ug/L	100
38) Bromodichloromethane	9.646	83	143647	25.868	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	152488	25.155	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	138866	56.354	ug/L	98
42) Toluene	10.384	91	454843	25.122	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	138556	25.607	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	89412	27.358	ug/L	97
46) Tetrachloroethene	10.866	164	76711	22.975	ug/L	83
48) 2-Hexanone	10.969	43	97090	58.969	ug/L	98
49) Dibromochloromethane	11.128	129	102060	25.946	ug/L	92
50) 1,2-Dibromoethane	11.237	107	86746	26.433	ug/L	100
51) Chlorobenzene	11.652	112	299538	25.095	ug/L	97
52) Ethylbenzene	11.731	91	520504	25.841	ug/L	100
53) m,p-Xylene	11.835	106	202376	25.499	ug/L	93
54) o-Xylene	12.164	106	196530	25.805	ug/L	98
55) Styrene	12.176	104	349121	26.977	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	116465	28.530	ug/L	97
59) Bromoform	12.347	173	58021	26.469	ug/L	97
60) Isopropylbenzene	12.463	105	559762	26.416	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	83890	27.143	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	294578	24.988	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	463092	26.161	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	239522	25.317	ug/L	90
65) 1,4-Dichlorobenzene	13.578	146	244422	25.012	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	226845	26.203	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	18247	27.015	ug/L	87
69) 1,3,5-Trichlorobenzene	14.627	180	152922	24.351	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	128191	25.376	ug/L	97
71) Naphthalene	15.365	128	310157	28.248	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	113042	25.248	ug/L	97

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

