

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050422\
 Data File : VW022812.D
 Acq On : 04 May 2022 19:18
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025514

Quant Time: May 04 23:39:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 04 23:28:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	287349	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	291196	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	161146	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	138057	23.418	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.680%
7) Chloroethane-d5	2.886	69	106036	27.647	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.600%
11) 1,1-Dichloroethene-d2	4.026	63	175807	23.079	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.320%
21) 2-Butanone-d5	7.080	46	59988	53.518	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.040%
24) Chloroform-d	7.653	84	225502	26.786	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.160%
26) 1,2-Dichloroethane-d4	8.305	65	124223	26.904	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.600%
32) Benzene-d6	8.275	84	433476	25.826	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.320%
36) 1,2-Dichloropropane-d6	9.275	67	126201	26.767	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.080%
41) Toluene-d8	10.323	98	416502	25.688	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.760%
43) trans-1,3-Dichloroprop...	10.579	79	52935	24.384	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.520%
47) 2-Hexanone-d5	10.921	63	49011	54.454	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.900%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	120798	27.489	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	151027	26.811	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	40210	25.670	ug/L	99
3) Chloromethane	2.221	50	77908	25.738	ug/L	94
5) Vinyl chloride	2.361	62	151608	24.957	ug/L	99
6) Bromomethane	2.776	94	99129	25.415	ug/L	93
8) Chloroethane	2.922	64	81822	27.925	ug/L	99
9) Trichlorofluoromethane	3.257	101	58958	21.234	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	98453	23.714	ug/L #	69
12) 1,1-Dichloroethene	4.050	96	88167	23.956	ug/L	88
13) Acetone	4.123	43	33735	40.199	ug/L	97
14) Carbon disulfide	4.385	76	218285	21.634	ug/L	98
15) Methyl Acetate	4.678	43	42057	24.945	ug/L	99
16) Methylene chloride	4.922	84	102780	24.444	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	101197	24.434	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	167240	26.452	ug/L	99
19) 1,1-Dichloroethane	6.214	63	183940	26.205	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	114227	25.678	ug/L #	95
22) 2-Butanone	7.171	43	56458	48.106	ug/L	97
23) Bromochloromethane	7.513	128	54254	26.042	ug/L	94
25) Chloroform	7.677	83	209296	26.965	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	139132	26.891	ug/L	99
29) Cyclohexane	7.958	56	144707	22.978	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	168480	24.483	ug/L	98
31) Carbon tetrachloride	8.074	117	153501	23.846	ug/L	97
33) Benzene	8.324	78	435364	25.379	ug/L	100
34) Trichloroethene	9.092	95	115078	24.393	ug/L	97
35) Methylcyclohexane	9.336	83	178176	22.990	ug/L	98
37) 1,2-Dichloropropane	9.366	63	107105	25.800	ug/L	100
38) Bromodichloromethane	9.646	83	153228	25.987	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	162586	25.258	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	132807	50.756	ug/L	99
42) Toluene	10.384	91	497965	25.902	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	146090	25.427	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	89926	25.913	ug/L	98
46) Tetrachloroethene	10.866	164	85159	24.020	ug/L	88
48) 2-Hexanone	10.969	43	88943	50.875	ug/L	98
49) Dibromochloromethane	11.128	129	108308	25.931	ug/L	96
50) 1,2-Dibromoethane	11.232	107	88981	25.535	ug/L	94
51) Chlorobenzene	11.658	112	327277	25.822	ug/L	98
52) Ethylbenzene	11.731	91	565798	26.454	ug/L	95
53) m,p-Xylene	11.841	106	223173	26.482	ug/L	99
54) o-Xylene	12.164	106	213479	26.398	ug/L	91
55) Styrene	12.183	104	377975	27.505	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	111991	25.837	ug/L	99
59) Bromoform	12.347	173	58494	25.613	ug/L	99
60) Isopropylbenzene	12.463	105	594212	26.916	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	82319	25.566	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	327579	26.672	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	498789	27.047	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	258484	26.225	ug/L	95
65) 1,4-Dichlorobenzene	13.573	146	257271	25.270	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	241101	26.731	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	17765	25.245	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	166535	25.454	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	137771	26.178	ug/L	98
71) Naphthalene	15.365	128	322365	28.182	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	126780	27.180	ug/L	99

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

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