

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
 Data File : VW022519.D
 Acq On : 12 Apr 2022 20:47
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025483

Quant Time: Apr 13 01:12:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 12 23:30:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	367450	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	363183	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	197372	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	124923	15.379	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.520%
7) Chloroethane-d5	2.892	69	96670	18.988	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.960%
11) 1,1-Dichloroethene-d2	4.025	63	194197	18.432	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.720%
21) 2-Butanone-d5	7.080	46	83970	59.209	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.420%
24) Chloroform-d	7.647	84	264669	23.044	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.160%
26) 1,2-Dichloroethane-d4	8.305	65	152763	23.279	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.120%
32) Benzene-d6	8.275	84	464019	20.912	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.640%
36) 1,2-Dichloropropane-d6	9.275	67	143424	22.336	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.360%
41) Toluene-d8	10.323	98	447139	20.575	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.320%
43) trans-1,3-Dichloroprop...	10.579	79	66006	21.781	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.120%
47) 2-Hexanone-d5	10.921	63	72071	60.326	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.660%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	152823	27.990	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	183379	26.231	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	51020	28.325	ug/L	98
3) Chloromethane	2.221	50	87276	19.434	ug/L	98
5) Vinyl chloride	2.361	62	184717	19.712	ug/L	99
6) Bromomethane	2.782	94	118810	20.857	ug/L	93
8) Chloroethane	2.922	64	91128	22.213	ug/L	97
9) Trichlorofluoromethane	3.257	101	81101	23.442	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	133111	24.163	ug/L	97
12) 1,1-Dichloroethene	4.044	96	120606	24.377	ug/L	86
13) Acetone	4.129	43	48627	50.359	ug/L	97
14) Carbon disulfide	4.391	76	329243	20.229	ug/L	99
15) Methyl Acetate	4.678	43	58947	24.327	ug/L	94
16) Methylene chloride	4.916	84	140502	25.411	ug/L	88
17) trans-1,2-Dichloroethene	5.428	96	139020	23.987	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	235114	24.839	ug/L	96
19) 1,1-Dichloroethane	6.220	63	241737	22.859	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	153314	25.046	ug/L #	90
22) 2-Butanone	7.171	43	75586	51.829	ug/L	95
23) Bromochloromethane	7.513	128	69471	26.371	ug/L	91
25) Chloroform	7.677	83	269364	24.184	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	186523	23.826	ug/L	97
29) Cyclohexane	7.958	56	208289	20.038	ug/L	93
30) 1,1,1-Trichloroethane	7.872	97	228588	22.690	ug/L	97
31) Carbon tetrachloride	8.067	117	207788	22.980	ug/L	99
33) Benzene	8.323	78	558512	22.651	ug/L	100
34) Trichloroethene	9.092	95	153865	23.305	ug/L	95
35) Methylcyclohexane	9.336	83	252481	21.315	ug/L	95
37) 1,2-Dichloropropane	9.366	63	136822	23.162	ug/L	99
38) Bromodichloromethane	9.646	83	202688	23.860	ug/L #	96
39) cis-1,3-Dichloropropene	10.073	75	220222	23.494	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	182872	50.727	ug/L	95
42) Toluene	10.384	91	636827	22.539	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	196498	23.412	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	117270	26.012	ug/L	98
46) Tetrachloroethene	10.860	164	116276	23.959	ug/L	97
48) 2-Hexanone	10.969	43	131279	51.618	ug/L #	96
49) Dibromochloromethane	11.128	129	146831	27.309	ug/L	95
50) 1,2-Dibromoethane	11.232	107	119373	26.815	ug/L #	96
51) Chlorobenzene	11.658	112	424014	24.557	ug/L	94
52) Ethylbenzene	11.725	91	720899	22.762	ug/L	97
53) m,p-Xylene	11.835	106	288513	23.959	ug/L	89
54) o-Xylene	12.164	106	278908	24.237	ug/L	95
55) Styrene	12.176	104	477897	24.307	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	145936	26.374	ug/L	99
59) Bromoform	12.347	173	74823	25.512	ug/L	95
60) Isopropylbenzene	12.463	105	767525	23.410	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	107704	25.653	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	423619	23.494	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	649279	23.680	ug/L	95
64) 1,3-Dichlorobenzene	13.493	146	333881	25.092	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	332188	25.032	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	309691	26.024	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.481	75	26881	27.606	ug/L	85
69) 1,3,5-Trichlorobenzene	14.621	180	223890	25.789	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	190529	26.131	ug/L	98
71) Naphthalene	15.359	128	438603	28.520	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	162394	26.056	ug/L	96

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

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