

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
 Data File : VW024182.D
 Acq On : 05 Aug 2022 09:07
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025522

Quant Time: Aug 05 23:37:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 05 01:00:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	426058	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	397953	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	220304	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	178746	20.071	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.280%
7) Chloroethane-d5	2.873	69	103996	18.746	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	4.019	63	216339	21.315	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.280%
21) 2-Butanone-d5	7.080	46	72640	43.842	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.680%
24) Chloroform-d	7.647	84	271333	21.047	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	8.305	65	143524	20.053	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.200%
32) Benzene-d6	8.268	84	521089	22.203	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	9.274	67	149140	21.522	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.080%
41) Toluene-d8	10.323	98	498605	22.729	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.920%
43) trans-1,3-Dichloroprop...	10.573	79	67241	22.154	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.600%
47) 2-Hexanone-d5	10.920	63	62612	48.918	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.840%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	142150	21.144	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	187964	23.315	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	100140	26.715	ug/L	98
3) Chloromethane	2.209	50	150437	21.399	ug/L	98
5) Vinyl chloride	2.355	62	224015	22.891	ug/L	98
6) Bromomethane	2.769	94	120189	21.420	ug/L	93
8) Chloroethane	2.910	64	94351	22.011	ug/L	96
9) Trichlorofluoromethane	3.245	101	115667	24.934	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	145634	23.277	ug/L	99
12) 1,1-Dichloroethene	4.031	96	125104	24.424	ug/L	87
13) Acetone	4.123	43	52513m	43.049	ug/L	
14) Carbon disulfide	4.379	76	399372	24.366	ug/L	99
15) Methyl Acetate	4.672	43	63818	23.227	ug/L	99
16) Methylene chloride	4.909	84	144926	19.289	ug/L	99
17) trans-1,2-Dichloroethene	5.415	96	149825	25.329	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	226769	26.885	ug/L	98
19) 1,1-Dichloroethane	6.214	63	254265	24.402	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	161879	24.919	ug/L #	95
22) 2-Butanone	7.171	43	92989	45.238	ug/L	99
23) Bromochloromethane	7.513	128	78493	24.262	ug/L	94
25) Chloroform	7.671	83	278359	24.244	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	183067	23.695	ug/L	100
29) Cyclohexane	7.951	56	230237	28.220	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	237092	26.419	ug/L	99
31) Carbon tetrachloride	8.067	117	220474	26.041	ug/L	99
33) Benzene	8.317	78	599968	25.526	ug/L	100
34) Trichloroethene	9.085	95	160038	25.761	ug/L	95
35) Methylcyclohexane	9.335	83	273403	28.064	ug/L	98
37) 1,2-Dichloropropane	9.366	63	143253	24.656	ug/L	98
38) Bromodichloromethane	9.646	83	201831	24.768	ug/L	99
39) cis-1,3-Dichloropropene	10.067	75	233868	27.360	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	198097	51.374	ug/L	98
42) Toluene	10.384	91	659477	26.404	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	209047	26.765	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	121150	24.739	ug/L	97
46) Tetrachloroethene	10.859	164	137258	27.291	ug/L	97
48) 2-Hexanone	10.963	43	139082	53.148	ug/L	98
49) Dibromochloromethane	11.128	129	148274	25.151	ug/L	97
50) 1,2-Dibromoethane	11.231	107	118444	25.245	ug/L	94
51) Chlorobenzene	11.652	112	439014	25.726	ug/L	94
52) Ethylbenzene	11.725	91	741775	27.107	ug/L	99
53) m,p-Xylene	11.835	106	292090	27.422	ug/L	97
54) o-Xylene	12.164	106	280516	27.876	ug/L	98
55) Styrene	12.176	104	480575	27.458	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	148387	24.246	ug/L	99
59) Bromoform	12.347	173	84953	25.281	ug/L	97
60) Isopropylbenzene	12.463	105	754984	28.309	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	104748	23.892	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	645427	29.286	ug/L	100
63) 1,2,4-Trimethylbenzene	13.243	105	631414	29.091	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	346703	26.548	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	356147	25.754	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	313338	25.267	ug/L #	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	23405	22.849	ug/L	98
69) 1,3,5-Trichlorobenzene	14.621	180	262341	30.635	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	207922	30.319	ug/L	99
71) Naphthalene	15.365	128	410343	30.719	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	181904	29.135	ug/L	97

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

