

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090822\
 Data File : VW024581.D
 Acq On : 08 Sep 2022 10:26
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025564

Quant Time: Sep 08 22:19:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 07 04:52:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	361938	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	359592	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	195421	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	176544	23.626	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.520%
7) Chloroethane-d5	2.873	69	142268	25.605	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	4.013	63	203458	25.807	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.240%
21) 2-Butanone-d5	7.074	46	52357	43.433	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.860%
24) Chloroform-d	7.647	84	233330	25.312	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.240%
26) 1,2-Dichloroethane-d4	8.299	65	122247	23.521	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.080%
32) Benzene-d6	8.269	84	452036	25.556	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.240%
36) 1,2-Dichloropropane-d6	9.268	67	128242	24.590	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.360%
41) Toluene-d8	10.323	98	440863	25.567	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.280%
43) trans-1,3-Dichloroprop...	10.573	79	55863	23.903	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.600%
47) 2-Hexanone-d5	10.921	63	46780	48.800	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.600%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	121905	24.388	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	154199	24.913	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.002	85	43560	25.130	ug/L	97
3) Chloromethane	2.215	50	133385	24.742	ug/L	100
5) Vinyl chloride	2.355	62	216179	23.786	ug/L	100
6) Bromomethane	2.770	94	148895	25.130	ug/L	95
8) Chloroethane	2.910	64	124061	25.090	ug/L	97
9) Trichlorofluoromethane	3.239	101	115260	21.936	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	123806	25.573	ug/L #	87
12) 1,1-Dichloroethene	4.026	96	108631	26.252	ug/L	96
13) Acetone	4.117	43	47029	45.852	ug/L	98
14) Carbon disulfide	4.373	76	273149	24.948	ug/L	99
15) Methyl Acetate	4.666	43	48518	22.380	ug/L	97
16) Methylene chloride	4.903	84	118995	22.033	ug/L	98
17) trans-1,2-Dichloroethene	5.416	96	123627	26.082	ug/L	99
18) Methyl tert-butyl Ether	5.422	73	214468	25.407	ug/L	98
19) 1,1-Dichloroethane	6.208	63	226324	26.244	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	139491m	26.229	ug/L	
22) 2-Butanone	7.165	43	70107	42.257	ug/L	99
23) Bromochloromethane	7.507	128	62209	25.549	ug/L	98
25) Chloroform	7.671	83	252199	26.326	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	164928	25.613	ug/L	99
29) Cyclohexane	7.952	56	188111	27.021	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	209348	26.546	ug/L	100
31) Carbon tetrachloride	8.068	117	190903	26.504	ug/L	97
33) Benzene	8.317	78	543252	26.618	ug/L	100
34) Trichloroethene	9.086	95	140501	26.358	ug/L	97
35) Methylcyclohexane	9.329	83	232258	27.234	ug/L	99
37) 1,2-Dichloropropane	9.366	63	134097	26.307	ug/L	99
38) Bromodichloromethane	9.640	83	191946	26.644	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	205530	27.577	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	161031	47.891	ug/L	98
42) Toluene	10.384	91	622131	27.650	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	188810	26.821	ug/L	98
45) 1,1,2-Trichloroethane	10.787	97	110664	25.977	ug/L	99
46) Tetrachloroethene	10.860	164	106209	27.042	ug/L	96
48) 2-Hexanone	10.969	43	115951	50.285	ug/L	98
49) Dibromochloromethane	11.122	129	137083	27.526	ug/L	88
50) 1,2-Dibromoethane	11.232	107	105374	25.486	ug/L	96
51) Chlorobenzene	11.658	112	418629	26.931	ug/L	98
52) Ethylbenzene	11.725	91	722833	28.295	ug/L	96
53) m,p-Xylene	11.835	106	284176	28.472	ug/L	99
54) o-Xylene	12.164	106	273002	28.729	ug/L	91
55) Styrene	12.177	104	486992	29.115	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	139415	25.850	ug/L	98
59) Bromoform	12.347	173	75053	26.422	ug/L	98
60) Isopropylbenzene	12.463	105	745739	28.185	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	97856	24.204	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	634278	28.868	ug/L	100
63) 1,2,4-Trimethylbenzene	13.243	105	628850	28.757	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	335576	28.148	ug/L	97
65) 1,4-Dichlorobenzene	13.573	146	330250	26.281	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	300720	27.049	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	20910	21.859	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	208376	26.910	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	169251	27.545	ug/L	100
71) Naphthalene	15.359	128	359999	26.482	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	149962	26.233	ug/L	98

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

