

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052124\
 Data File : VW028656.D
 Acq On : 21 May 2024 09:42
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025586

Quant Time: May 22 01:10:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 21 01:28:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	250808	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	231135	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	115266	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	83479	17.528	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.120%
7) Chloroethane-d5	2.899	69	74077	20.313	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.240%
11) 1,1-Dichloroethene-d2	4.021	65	36595	18.391	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.560%
21) 2-Butanone-d5	7.075	46	58989	47.474	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.940%
24) Chloroform-d	7.654	84	180210	22.995	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.960%
26) 1,2-Dichloroethane-d4	8.307	65	103029	22.963	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.840%
32) Benzene-d6	8.276	84	333883	21.651	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	9.276	67	103938	22.399	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.600%
41) Toluene-d8	10.325	98	298316	21.844	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.360%
43) trans-1,3-Dichloroprop...	10.581	79	42436	22.732	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.920%
47) 2-Hexanone-d5	10.922	63	39723	49.632	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.260%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	93343	23.989	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	100854	22.956	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	75760	20.786	ug/L	97
3) Chloromethane	2.229	50	96290	21.325	ug/L	99
5) Vinyl chloride	2.375	62	114425	22.509	ug/L	97
6) Bromomethane	2.796	94	67910	23.093	ug/L	95
8) Chloroethane	2.936	64	70377	24.275	ug/L	98
9) Trichlorofluoromethane	3.271	101	100663	24.119	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	86877	22.578	ug/L	94
12) 1,1-Dichloroethene	4.045	96	78674	22.792	ug/L	94
13) Acetone	4.119	43	55306	48.927	ug/L	99
14) Carbon disulfide	4.393	76	251474	21.556	ug/L	100
15) Methyl Acetate	4.673	43	43693	22.217	ug/L #	70
16) Methylene chloride	4.917	84	87192	22.478	ug/L	96
17) trans-1,2-Dichloroethene	5.435	96	83525	23.242	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	131365	24.771	ug/L	99
19) 1,1-Dichloroethane	6.222	63	173238	24.310	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	90909	24.172	ug/L	100
22) 2-Butanone	7.173	43	63788	43.965	ug/L	100
23) Bromochloromethane	7.520	128	39479	24.064	ug/L	94
25) Chloroform	7.679	83	172107	24.970	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	124679	24.884	ug/L	98
29) Cyclohexane	7.959	56	148946	22.601	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	139077	24.012	ug/L	98
31) Carbon tetrachloride	8.069	117	126254	23.908	ug/L	100
33) Benzene	8.325	78	361886	24.145	ug/L	100
34) Trichloroethene	9.093	95	93305	23.219	ug/L	97
35) Methylcyclohexane	9.337	83	164422	23.413	ug/L	99
37) 1,2-Dichloropropane	9.368	63	95713	24.507	ug/L	100
38) Bromodichloromethane	9.648	83	121710	25.565	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	142687	25.490	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	124980	47.019	ug/L	99
42) Toluene	10.386	91	384315	24.826	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	120336	25.496	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	69615	24.606	ug/L	98
46) Tetrachloroethene	10.861	164	68991	23.829	ug/L	96
48) 2-Hexanone	10.965	43	93877	50.025	ug/L	99
49) Dibromochloromethane	11.129	129	73626	25.945	ug/L	99
50) 1,2-Dibromoethane	11.233	107	64738	24.427	ug/L	99
51) Chlorobenzene	11.654	112	237992	24.854	ug/L	99
52) Ethylbenzene	11.727	91	445187	25.412	ug/L	96
53) m,p-Xylene	11.837	106	161562	25.159	ug/L	98
54) o-Xylene	12.160	106	151158	25.444	ug/L	99
55) Styrene	12.178	104	269440	26.766	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	86616	24.402	ug/L	97
59) Bromoform	12.349	173	40856	24.295	ug/L	97
60) Isopropylbenzene	12.458	105	432183	24.714	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	63575	22.822	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	314293	25.402	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	342299	25.676	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	179594	24.687	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	185322	24.917	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	168058	25.810	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	14567	22.366	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	122312	25.055	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	99862	25.317	ug/L	99
71) Naphthalene	15.360	128	197910	23.550	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	93170	26.177	ug/L	93

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

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