

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121222\
 Data File : VW025133.D
 Acq On : 12 Dec 2022 12:22
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025508

Quant Time: Dec 13 00:36:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 08 11:34:08 2022
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		8.841	114	441180	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.628	117	384437	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.554	152	184648	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.355	65	133998	26.348	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.400%		
7) Chloroethane-d5		2.885	69	88342	26.902	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 107.600%		
11) 1,1-Dichloroethene-d2		4.019	63	297816	26.729	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 106.920%		
21) 2-Butanone-d5		7.074	46	56559	44.298	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 88.600%		
24) Chloroform-d		7.647	84	293035	25.732	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 102.920%		
26) 1,2-Dichloroethane-d4		8.305	65	138056	23.905	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 95.640%		
32) Benzene-d6		8.275	84	594659	26.376	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 105.520%		
36) 1,2-Dichloropropane-d6		9.274	67	170521	25.994	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 103.960%		
41) Toluene-d8		10.323	98	547845	26.801	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 107.200%		
43) trans-1,3-Dichloroprop...		10.579	79	70056	25.281	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 101.120%		
47) 2-Hexanone-d5		10.920	63	45299	47.066	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 94.140%		
56) 1,1,2,2-Tetrachloroeth...		12.688	84	111991	23.118	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 92.480%		
66) 1,2-Dichlorobenzene-d4		13.853	152	161567	25.815	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 103.280%		
Target Compounds							
						Qvalue	
2) Dichlorodifluoromethane		2.007	85	70588	26.400	ug/L	98
3) Chloromethane		2.209	50	126958	26.967	ug/L	99
5) Vinyl chloride		2.361	62	164720	27.968	ug/L	99
6) Bromomethane		2.782	94	81464	26.694	ug/L	95
8) Chloroethane		2.922	64	77840	28.575	ug/L	99
9) Trichlorofluoromethane		3.263	101	122938	27.854	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...		4.068	101	161033	27.621	ug/L	97
12) 1,1-Dichloroethene		4.037	96	150805	27.131	ug/L	99
13) Acetone		4.123	43	67693	51.577	ug/L	100
14) Carbon disulfide		4.385	76	470119	26.493	ug/L	100
15) Methyl Acetate		4.672	43	51144	23.875	ug/L	99
16) Methylene chloride		4.915	84	173305	25.133	ug/L	96
17) trans-1,2-Dichloroethene		5.427	96	161917	27.479	ug/L	98
18) Methyl tert-butyl Ether		5.427	73	227927	26.069	ug/L	99
19) 1,1-Dichloroethane		6.214	63	288562	27.102	ug/L	99
20) cis-1,2-Dichloroethene		7.171	96	170882	27.426	ug/L	99
22) 2-Butanone		7.171	43	80628	48.831	ug/L	97
23) Bromochloromethane		7.512	128	68473	25.971	ug/L	96
25) Chloroform		7.677	83	289564	26.875	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	173219	25.535	ug/L	99
29) Cyclohexane	7.951	56	277418	28.498	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	257119	28.333	ug/L	99
31) Carbon tetrachloride	8.067	117	231101	27.696	ug/L	99
33) Benzene	8.323	78	661422	27.774	ug/L	100
34) Trichloroethene	9.091	95	174707	28.006	ug/L	97
35) Methylcyclohexane	9.335	83	310057	28.022	ug/L	99
37) 1,2-Dichloropropane	9.366	63	157467	27.414	ug/L	99
38) Bromodichloromethane	9.646	83	202903	26.740	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	245360	27.957	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	143852	48.855	ug/L	99
42) Toluene	10.390	91	695490	27.873	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	205401	27.328	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	104402	25.470	ug/L	98
46) Tetrachloroethene	10.859	164	124571	27.432	ug/L	97
48) 2-Hexanone	10.969	43	112191	52.165	ug/L	98
49) Dibromochloromethane	11.128	129	129129	26.231	ug/L	91
50) 1,2-Dibromoethane	11.231	107	97333	25.504	ug/L	93
51) Chlorobenzene	11.658	112	434502	27.210	ug/L	98
52) Ethylbenzene	11.731	91	783535	27.710	ug/L	100
53) m,p-Xylene	11.835	106	302565	28.019	ug/L	94
54) o-Xylene	12.164	106	292193	28.391	ug/L	100
55) Styrene	12.176	104	481347	27.618	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	119401	24.908	ug/L	96
59) Bromoform	12.347	173	63718	25.129	ug/L	95
60) Isopropylbenzene	12.463	105	798232	28.203	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	86439	24.355	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	688177	28.385	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	665765	28.267	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	323292	27.901	ug/L	99
65) 1,4-Dichlorobenzene	13.578	146	325558	27.900	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	278943	27.604	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	19040	23.009	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	227623	27.666	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	184993	28.023	ug/L	96
71) Naphthalene	15.359	128	336728	26.020	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	151011	26.103	ug/L	97

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

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