

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050523\
 Data File : VW025862.D
 Acq On : 05 May 2023 09:31
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025596

Quant Time: May 05 23:45:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 04 23:16:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	619104	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	538480	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	269502	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	229089	26.113	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.440%	
7) Chloroethane-d5	2.899	69	174899	26.890	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 107.560%	
11) 1,1-Dichloroethene-d2	4.021	65	107234	24.410	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 97.640%	
21) 2-Butanone-d5	7.075	46	116801	40.272	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 80.540%	
24) Chloroform-d	7.648	84	441120	24.710	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 98.840%	
26) 1,2-Dichloroethane-d4	8.307	65	234890	23.268	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 93.080%	
32) Benzene-d6	8.276	84	890922	25.321	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 101.280%	
36) 1,2-Dichloropropane-d6	9.276	67	281533	25.008	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 100.040%	
41) Toluene-d8	10.318	98	791694	25.233	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 100.920%	
43) trans-1,3-Dichloroprop...	10.575	79	105447	23.107	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 92.440%	
47) 2-Hexanone-d5	10.922	63	83713	43.608	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 87.220%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	200930	23.417	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 93.680%	
66) 1,2-Dichlorobenzene-d4	13.848	152	237942	24.219	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 96.880%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	204449	29.559	ug/L	98
3) Chloromethane	2.222	50	255059	25.010	ug/L	99
5) Vinyl chloride	2.375	62	273245	25.886	ug/L	100
6) Bromomethane	2.789	94	144095	25.098	ug/L	98
8) Chloroethane	2.936	64	159181	26.520	ug/L	99
9) Trichlorofluoromethane	3.271	101	192923	24.217	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	216480	24.987	ug/L	98
12) 1,1-Dichloroethene	4.045	96	205091	24.770	ug/L	97
13) Acetone	4.131	43	95631	37.186	ug/L	96
14) Carbon disulfide	4.387	76	682211	24.364	ug/L	99
15) Methyl Acetate	4.673	43	107379	21.188	ug/L	98
16) Methylene chloride	4.911	84	233158	18.261	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	214707	23.770	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	308032	22.469	ug/L	99
19) 1,1-Dichloroethane	6.222	63	453796	24.452	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	229859	23.719	ug/L	96
22) 2-Butanone	7.173	43	137959	38.851	ug/L	100
23) Bromochloromethane	7.514	128	95555	23.275	ug/L	96
25) Chloroform	7.679	83	418609	24.542	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	283660	23.417	ug/L	100
29) Cyclohexane	7.959	56	425188	25.480	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	338265	25.686	ug/L	99
31) Carbon tetrachloride	8.069	117	305838	25.806	ug/L	98
33) Benzene	8.325	78	950110	25.503	ug/L	100
34) Trichloroethene	9.093	95	237971	24.893	ug/L	99
35) Methylcyclohexane	9.337	83	434819	25.573	ug/L	100
37) 1,2-Dichloropropane	9.367	63	256919	25.171	ug/L	100
38) Bromodichloromethane	9.648	83	286475	24.464	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	367294	24.538	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	292404	44.012	ug/L	99
42) Toluene	10.386	91	987064	25.930	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	301660	24.322	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	162079	23.738	ug/L	98
46) Tetrachloroethene	10.861	164	165741	24.644	ug/L	95
48) 2-Hexanone	10.965	43	207383	43.573	ug/L	98
49) Dibromochloromethane	11.123	129	171015	24.193	ug/L	98
50) 1,2-Dibromoethane	11.233	107	147152	23.379	ug/L	100
51) Chlorobenzene	11.654	112	588258	24.945	ug/L	97
52) Ethylbenzene	11.727	91	1114976	26.039	ug/L	97
53) m,p-Xylene	11.836	106	402137	25.517	ug/L	97
54) o-Xylene	12.166	106	384316	25.872	ug/L	95
55) Styrene	12.178	104	665729	26.185	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	196953	23.118	ug/L	99
59) Bromoform	12.349	173	92188	23.094	ug/L	98
60) Isopropylbenzene	12.464	105	1078430	26.325	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	142124	22.314	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	856733	26.404	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	784803	26.211	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	445894	25.285	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	435679	24.454	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	386068	24.548	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	29888	20.236	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	291977	24.943	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	224396	22.882	ug/L	99
71) Naphthalene	15.360	128	408566	22.073	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	204889	23.546	ug/L	100

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

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