

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
 Data File : VW026884.D
 Acq On : 25 Aug 2023 10:09
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025597

Quant Time: Aug 26 01:41:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 25 05:00:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	669603	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	626434	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	342924	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	287915	26.156	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.640%	
7) Chloroethane-d5	2.893	69	224460	27.423	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 109.680%	
11) 1,1-Dichloroethene-d2	4.021	65	133990	24.749	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 99.000%	
21) 2-Butanone-d5	7.081	46	167839	53.050	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 106.100%	
24) Chloroform-d	7.648	84	605338	26.935	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 107.760%	
26) 1,2-Dichloroethane-d4	8.307	65	314957	25.395	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 101.600%	
32) Benzene-d6	8.270	84	1210688	28.042	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 112.160%	
36) 1,2-Dichloropropane-d6	9.270	67	392295	29.171	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 116.680%	
41) Toluene-d8	10.325	98	1060316	28.611	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 114.440%	
43) trans-1,3-Dichloroprop...	10.575	79	146993	26.473	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 105.880%	
47) 2-Hexanone-d5	10.922	63	84047	59.478	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 118.960%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	301843	28.421	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 113.680%	
66) 1,2-Dichlorobenzene-d4	13.848	152	335986	27.374	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 109.480%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	240354	26.401	ug/L	94
3) Chloromethane	2.222	50	313810	25.208	ug/L	99
5) Vinyl chloride	2.375	62	329831	27.715	ug/L	100
6) Bromomethane	2.783	94	171890	24.791	ug/L	99
8) Chloroethane	2.930	64	190424	26.705	ug/L	99
9) Trichlorofluoromethane	3.265	101	232053	23.760	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	284282	26.947	ug/L	98
12) 1,1-Dichloroethene	4.045	96	259610	26.231	ug/L	96
13) Acetone	4.118	43	152754	48.559	ug/L	95
14) Carbon disulfide	4.393	76	779527	21.893	ug/L	98
15) Methyl Acetate	4.667	43	158697	25.185	ug/L	100
16) Methylene chloride	4.917	84	300121	23.170	ug/L	94
17) trans-1,2-Dichloroethene	5.423	96	287543	26.035	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	478848	28.655	ug/L	99
19) 1,1-Dichloroethane	6.216	63	614788	27.047	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	322925	27.203	ug/L	99
22) 2-Butanone	7.173	43	219103	47.263	ug/L	99
23) Bromochloromethane	7.514	128	132751	25.888	ug/L	97
25) Chloroform	7.679	83	574261	26.150	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	376841	24.598	ug/L	98
29) Cyclohexane	7.953	56	553013	28.546	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	447421	27.367	ug/L	99
31) Carbon tetrachloride	8.069	117	392176	26.235	ug/L	93
33) Benzene	8.325	78	1277299	28.000	ug/L	100
34) Trichloroethene	9.087	95	318669	27.428	ug/L	98
35) Methylcyclohexane	9.331	83	564808	28.416	ug/L	99
37) 1,2-Dichloropropane	9.368	63	355162	28.424	ug/L	100
38) Bromodichloromethane	9.642	83	399655	27.265	ug/L	95
39) cis-1,3-Dichloropropene	10.075	75	526382	29.283	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	447765	55.090	ug/L	98
42) Toluene	10.386	91	1329396	28.808	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	432842	27.976	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	231757	27.120	ug/L	96
46) Tetrachloroethene	10.861	164	233379	27.649	ug/L	93
48) 2-Hexanone	10.965	43	311602	56.342	ug/L	99
49) Dibromochloromethane	11.129	129	239524	26.799	ug/L	89
50) 1,2-Dibromoethane	11.233	107	211592	26.388	ug/L	99
51) Chlorobenzene	11.654	112	809499	27.770	ug/L	100
52) Ethylbenzene	11.727	91	1505571	29.093	ug/L	98
53) m,p-Xylene	11.837	106	553123	28.851	ug/L	91
54) o-Xylene	12.160	106	525976	29.396	ug/L	95
55) Styrene	12.178	104	921894	29.633	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	288252	26.634	ug/L	99
59) Bromoform	12.349	173	136613	25.431	ug/L	98
60) Isopropylbenzene	12.458	105	1469827	28.829	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	206992	24.884	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1191602	29.569	ug/L	99
63) 1,2,4-Trimethylbenzene	13.251	105	1164669	29.493	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	599088	27.019	ug/L	89
65) 1,4-Dichlorobenzene	13.574	146	591700	25.570	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	544939	27.026	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	45017	22.448	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	420471	28.068	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	335326	26.402	ug/L	93
71) Naphthalene	15.360	128	657799	27.151	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	318307	27.786	ug/L	97

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

