

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
 Data File : VW027015.D
 Acq On : 07 Sep 2023 19:28
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025492

Quant Time: Sep 08 01:37:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 08 01:32:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	572783	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	551530	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	303115	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	185779	18.155	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.600%
7) Chloroethane-d5	2.899	69	169074	20.472	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.880%
11) 1,1-Dichloroethene-d2	4.033	65	70716	18.751	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.000%
21) 2-Butanone-d5	7.081	46	89487	45.385	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.760%
24) Chloroform-d	7.648	84	380097	22.301	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	8.307	65	194698	21.733	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.920%
32) Benzene-d6	8.276	84	771526	21.327	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.320%
36) 1,2-Dichloropropane-d6	9.276	67	235223	22.148	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.600%
41) Toluene-d8	10.325	98	683931	20.882	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.520%
43) trans-1,3-Dichloroprop...	10.575	79	87311	21.185	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.720%
47) 2-Hexanone-d5	10.922	63	50294	50.725	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.440%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	196827	23.882	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.520%
66) 1,2-Dichlorobenzene-d4	13.849	152	222305	21.205	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	117228	17.791	ug/L	99
3) Chloromethane	2.235	50	224459	22.585	ug/L	97
5) Vinyl chloride	2.381	62	237534	20.952	ug/L	97
6) Bromomethane	2.783	94	162810	21.760	ug/L	94
8) Chloroethane	2.936	64	151579	21.308	ug/L	99
9) Trichlorofluoromethane	3.259	101	138590	21.071	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	169507	20.752	ug/L #	68
12) 1,1-Dichloroethene	4.058	96	163214	20.168	ug/L	95
13) Acetone	4.119	43	60757	35.192	ug/L	100
14) Carbon disulfide	4.393	76	524480	20.206	ug/L	98
15) Methyl Acetate	4.667	43	90494	25.210	ug/L #	89
16) Methylene chloride	4.935	84	216680	19.526	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	184030	20.777	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	286553	23.233	ug/L	99
19) 1,1-Dichloroethane	6.216	63	379757	22.744	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	220608	22.632	ug/L	97
22) 2-Butanone	7.173	43	119850	43.144	ug/L	97
23) Bromochloromethane	7.514	128	96287	22.762	ug/L	84
25) Chloroform	7.679	83	376076	22.965	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	250446	24.197	ug/L	99
29) Cyclohexane	7.959	56	305656	21.256	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	263526	21.094	ug/L	99
31) Carbon tetrachloride	8.069	117	239595	21.518	ug/L	99
33) Benzene	8.325	78	857743	22.741	ug/L	100
34) Trichloroethene	9.093	95	209500	21.617	ug/L	97
35) Methylcyclohexane	9.337	83	338651	20.566	ug/L	97
37) 1,2-Dichloropropane	9.368	63	226419	23.523	ug/L	100
38) Bromodichloromethane	9.642	83	262374	23.146	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	318799	22.310	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	263298	52.985	ug/L	98
42) Toluene	10.386	91	908335	23.401	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	269201	23.200	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	161767	23.330	ug/L	96
46) Tetrachloroethene	10.861	164	155126	20.969	ug/L	92
48) 2-Hexanone	10.965	43	174648	51.569	ug/L	99
49) Dibromochloromethane	11.129	129	159840	22.378	ug/L	82
50) 1,2-Dibromoethane	11.233	107	147214	23.451	ug/L	97
51) Chlorobenzene	11.654	112	556535	22.260	ug/L	96
52) Ethylbenzene	11.727	91	984897	22.887	ug/L	98
53) m,p-Xylene	11.837	106	365554	22.457	ug/L	88
54) o-Xylene	12.166	106	352951	23.173	ug/L	96
55) Styrene	12.178	104	634293	24.401	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.715	83	195882	23.880	ug/L	99
59) Bromoform	12.349	173	96133	22.301	ug/L	96
60) Isopropylbenzene	12.459	105	945556	22.772	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	142022	24.493	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	782711	23.622	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	763303	23.563	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	423142	22.401	ug/L	84
65) 1,4-Dichlorobenzene	13.574	146	444950	23.175	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	397105	23.332	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	31240	23.758	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	296081	22.564	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	238452	22.319	ug/L	99
71) Naphthalene	15.360	128	466263	24.664	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	230178	23.766	ug/L	98

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

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