

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071723\
 Data File : VW031710.D
 Acq On : 17 Jul 2023 12:05
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005371

Quant Time: Jul 18 06:33:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 18 06:24:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	185896	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	208322	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	106722	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	70994	4.312	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.532	69	69167	4.635	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.060	65	36738	4.348	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	3.818	46	179605	42.704	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.400%
24) Chloroform-d	4.252	84	156116	4.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	4.947	65	78795	4.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	4.963	84	259178	4.358	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	5.992	67	93801	4.256	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.246	98	255967	4.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	7.558	79	30974	4.449	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.034	63	139877	43.262	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.520%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	69477	4.296	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	11.567	152	78587	4.228	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	91285	4.521	ug/L	97
3) Chloromethane	1.217	50	100471	4.803	ug/L	100
5) Vinyl chloride	1.282	62	98328	4.920	ug/L #	33
6) Bromomethane	1.487	94	64391	5.270	ug/L	82
8) Chloroethane	1.548	64	60828	5.245	ug/L	95
9) Trichlorofluoromethane	1.712	101	149337	5.178	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	83281	5.250	ug/L	98
12) 1,1-Dichloroethene	2.069	96	71534	4.932	ug/L	88
13) Acetone	2.153	43	139470	52.122	ug/L	98
14) Carbon disulfide	2.240	76	218961	4.863	ug/L	99
15) Methyl Acetate	2.388	43	24633	4.303	ug/L	92
16) Methylene chloride	2.449	84	85658	4.445	ug/L	95
17) Methyl tert-butyl Ether	2.709	73	118556	4.448	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	58061	4.630	ug/L	91
19) 1,1-Dichloroethane	3.114	63	126508	4.613	ug/L	97
21) 2-Butanone	3.902	43	155378	44.611	ug/L #	78
22) cis-1,2-Dichloroethene	3.818	96	55408	4.469	ug/L	92
23) Bromochloromethane	4.153	128	31507	5.047	ug/L	95
25) Chloroform	4.278	83	129121	4.787	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	86112	5.077	ug/L	96
29) 1,1,1-Trichloroethane	4.513	97	115304	4.583	ug/L	98
30) Cyclohexane	4.584	56	76716	4.193	ug/L	99
31) Carbon tetrachloride	4.738	117	102177	4.603	ug/L	100
33) Benzene	5.015	78	249311	4.711	ug/L	100
34) Trichloroethene	5.834	95	68104	4.536	ug/L	95
35) Methylcyclohexane	6.053	83	80571	4.324	ug/L	100
37) 1,2-Dichloropropane	6.098	63	74712	4.919	ug/L #	96
38) Bromodichloromethane	6.436	83	92227	4.573	ug/L #	95
39) cis-1,3-Dichloropropene	6.960	75	80325	4.248	ug/L	99
40) 4-Methyl-2-pentanone	7.166	43	379798	46.778	ug/L	99
42) Toluene	7.320	91	266341	5.212	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	76345	4.629	ug/L	96
45) 1,1,2-Trichloroethane	7.773	97	52268	4.631	ug/L	93
47) Tetrachloroethene	7.908	164	48994	4.727	ug/L	95
48) 2-Hexanone	8.082	43	320844	53.930	ug/L	99
49) Dibromochloromethane	8.182	129	57746	4.764	ug/L	95
50) 1,2-Dibromoethane	8.291	107	47746	4.524	ug/L #	97
51) Chlorobenzene	8.818	112	164567	4.882	ug/L	92
52) Ethylbenzene	8.950	91	246643	4.868	ug/L	96
53) m,p-Xylene	9.079	106	88291	4.715	ug/L	97
54) o-Xylene	9.484	106	80936	4.659	ug/L	95
55) Styrene	9.500	104	150556	4.593	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	54579	4.570	ug/L	99
59) Bromoform	9.670	173	34245	4.807	ug/L	95
60) Isopropylbenzene	9.873	105	223387	4.725	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	45931	4.842	ug/L	96
62) 1,3,5-Trimethylbenzene	10.481	105	166265	4.359	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	166435	4.372	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	125386	4.921	ug/L	96
65) 1,4-Dichlorobenzene	11.214	146	125687	4.661	ug/L	97
67) 1,2-Dichlorobenzene	11.587	146	114255	4.679	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.371	75	9550	4.899	ug/L	88
69) 1,3,5-Trichlorobenzene	12.587	180	82847	4.446	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	67038	4.540	ug/L	97
71) Naphthalene	13.445	128	91111	3.825	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	61578	4.516	ug/L	98

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

