

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071323\
 Data File : VW031700.D
 Acq On : 13 Jul 2023 17:20
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005367

Quant Time: Jul 14 06:07:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 14 06:00:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	202140	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	211936	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	110266	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	75123	4.196	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.532	69	73276	4.516	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.060	65	38223	4.161	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	3.818	46	219822	48.066	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.140%
24) Chloroform-d	4.256	84	173528	4.550	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	4.953	65	87982	4.517	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	4.969	84	286364	4.733	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	5.995	67	102481	4.570	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.249	98	269474	4.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	7.561	79	34777	4.910	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.034	63	164847	50.116	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.240%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	81325	4.943	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.567	152	87227	4.542	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	101185	4.609	ug/L	99
3) Chloromethane	1.220	50	106887	4.699	ug/L	98
5) Vinyl chloride	1.282	62	99135	4.561	ug/L #	32
6) Bromomethane	1.487	94	61611	4.637	ug/L	99
8) Chloroethane	1.548	64	63176	5.010	ug/L	96
9) Trichlorofluoromethane	1.712	101	147172	4.693	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	83759	4.856	ug/L	98
12) 1,1-Dichloroethene	2.069	96	74840	4.745	ug/L	90
13) Acetone	2.140	43	132663	45.594	ug/L	100
14) Carbon disulfide	2.240	76	224451	4.584	ug/L	99
15) Methyl Acetate	2.391	43	35545	5.711	ug/L	94
16) Methylene chloride	2.449	84	94545	4.511	ug/L	91
17) Methyl tert-butyl Ether	2.712	73	135284	4.668	ug/L	98
18) trans-1,2-Dichloroethene	2.699	96	64142	4.704	ug/L	93
19) 1,1-Dichloroethane	3.117	63	140755	4.720	ug/L	95
21) 2-Butanone	3.902	43	179487	47.392	ug/L	88
22) cis-1,2-Dichloroethene	3.822	96	63755	4.729	ug/L	99
23) Bromochloromethane	4.159	128	33275	4.902	ug/L	98
25) Chloroform	4.285	83	144576	4.930	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	88463	4.796	ug/L	99
29) 1,1,1-Trichloroethane	4.519	97	122771	4.797	ug/L	99
30) Cyclohexane	4.590	56	86082	4.625	ug/L	99
31) Carbon tetrachloride	4.741	117	104682	4.635	ug/L	97
33) Benzene	5.018	78	269750	5.011	ug/L	100
34) Trichloroethene	5.841	95	71579	4.687	ug/L	96
35) Methylcyclohexane	6.056	83	86063	4.540	ug/L	97
37) 1,2-Dichloropropane	6.101	63	79030	5.114	ug/L #	93
38) Bromodichloromethane	6.442	83	100431	4.895	ug/L	100
39) cis-1,3-Dichloropropene	6.963	75	89708	4.663	ug/L	100
40) 4-Methyl-2-pentanone	7.169	43	443975	53.750	ug/L	99
42) Toluene	7.323	91	282344	5.430	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	84102	5.012	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	57198	4.982	ug/L	94
47) Tetrachloroethene	7.911	164	52450	4.974	ug/L	95
48) 2-Hexanone	8.085	43	345173	57.030	ug/L	100
49) Dibromochloromethane	8.185	129	62478	5.066	ug/L	95
50) 1,2-Dibromoethane	8.291	107	52683	4.907	ug/L #	98
51) Chlorobenzene	8.821	112	167610	4.888	ug/L	98
52) Ethylbenzene	8.953	91	251748	4.884	ug/L	100
53) m,p-Xylene	9.079	106	92865	4.874	ug/L	93
54) o-Xylene	9.484	106	86939	4.919	ug/L	98
55) Styrene	9.503	104	163843	4.913	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	59559	4.902	ug/L #	93
59) Bromoform	9.673	173	33579	4.562	ug/L	96
60) Isopropylbenzene	9.873	105	234380	4.799	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	48694	4.968	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	182938	4.642	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	177129	4.503	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	130091	4.942	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	135745	4.872	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	123920	4.912	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.374	75	11497	5.709	ug/L #	85
69) 1,3,5-Trichlorobenzene	12.590	180	89861	4.667	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	70218	4.603	ug/L	98
71) Naphthalene	13.448	128	108269	4.399	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	66091	4.692	ug/L	95

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

