

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071323\
 Data File : VW031697.D
 Acq On : 13 Jul 2023 15:36
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV265

Quant Time: Jul 14 06:06:40 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	5.539	114	208939	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	208647	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	110158	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	86051	4.650	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.532	69	77544	4.623	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.060	65	42606	4.487	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.800%
20) 2-Butanone-d5	3.812	46	247254	52.305	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.600%
24) Chloroform-d	4.256	84	188633	4.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	4.947	65	95886	4.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	4.963	84	322011	5.406	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.200%
36) 1,2-Dichloropropane-d6	5.992	67	114218	5.174	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.246	98	298870	5.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.200%
43) trans-1,3-Dichloroprop...	7.561	79	40059	5.745	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	115.000%
46) 2-Hexanone-d5	8.034	63	179581	55.455	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.920%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	81389	5.025	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	11.567	152	98831	5.152	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	107758	4.749	ug/L	100
3) Chloromethane	1.220	50	117508	4.998	ug/L	98
5) Vinyl chloride	1.281	62	108964	4.851	ug/L	99
6) Bromomethane	1.487	94	64345	4.685	ug/L	95
8) Chloroethane	1.548	64	61200	4.695	ug/L	99
9) Trichlorofluoromethane	1.712	101	156732	4.835	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	85857	4.816	ug/L	98
12) 1,1-Dichloroethene	2.069	96	76145	4.671	ug/L	93
13) Acetone	2.143	43	126007	41.897	ug/L	95
14) Carbon disulfide	2.240	76	244569	4.833	ug/L	98
15) Methyl Acetate	2.391	43	34277	5.328	ug/L	99
16) Methylene chloride	2.449	84	90224	4.165	ug/L	96
17) Methyl tert-butyl Ether	2.709	73	153569	5.126	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	72189	5.122	ug/L	96
19) 1,1-Dichloroethane	3.114	63	153984	4.996	ug/L	97
21) 2-Butanone	3.896	43	193495	49.428	ug/L	88
22) cis-1,2-Dichloroethene	3.818	96	71309	5.117	ug/L	95
23) Bromochloromethane	4.156	128	34849	4.967	ug/L	94
25) Chloroform	4.281	83	152395	5.027	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	92936	4.875	ug/L	97
29) 1,1,1-Trichloroethane	4.516	97	132200	5.246	ug/L	98
30) Cyclohexane	4.587	56	101059	5.515	ug/L	99
31) Carbon tetrachloride	4.738	117	111408	5.011	ug/L	97
33) Benzene	5.014	78	291463	5.499	ug/L	100
34) Trichloroethene	5.838	95	79450	5.284	ug/L	97
35) Methylcyclohexane	6.056	83	100222	5.370	ug/L	95
37) 1,2-Dichloropropane	6.098	63	83900	5.515	ug/L #	99
38) Bromodichloromethane	6.439	83	106659	5.280	ug/L	96
39) cis-1,3-Dichloropropene	6.960	75	103235	5.451	ug/L	98
40) 4-Methyl-2-pentanone	7.165	43	468666	57.634	ug/L	99
42) Toluene	7.320	91	298826	5.838	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	94250	5.705	ug/L	97
45) 1,1,2-Trichloroethane	7.773	97	56237	4.975	ug/L	93
47) Tetrachloroethene	7.911	164	55715	5.367	ug/L	97
48) 2-Hexanone	8.085	43	349877	58.718	ug/L	97
49) Dibromochloromethane	8.181	129	66744	5.497	ug/L	95
50) 1,2-Dibromoethane	8.288	107	54804	5.185	ug/L	98
51) Chlorobenzene	8.821	112	179873	5.328	ug/L	98
52) Ethylbenzene	8.953	91	282186	5.561	ug/L	99
53) m,p-Xylene	9.079	106	104350	5.563	ug/L	97
54) o-Xylene	9.484	106	95449	5.486	ug/L	97
55) Styrene	9.503	104	178348	5.433	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	62621	5.235	ug/L	95
59) Bromoform	9.670	173	36711	4.992	ug/L	94
60) Isopropylbenzene	9.873	105	262623	5.382	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	50161	5.123	ug/L	94
62) 1,3,5-Trimethylbenzene	10.484	105	204724	5.200	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	199547	5.078	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	146382	5.566	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	146133	5.250	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	134289	5.328	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.371	75	10653	5.295	ug/L	91
69) 1,3,5-Trichlorobenzene	12.590	180	101407	5.272	ug/L	95
70) 1,2,4-trichlorobenzene	13.204	180	82049	5.384	ug/L	98
71) Naphthalene	13.448	128	135119	5.496	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	77116	5.480	ug/L	98

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

