

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071423\
 Data File : VW031705.D
 Acq On : 14 Jul 2023 12:31
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005369

Quant Time: Jul 15 05:38:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 15 05:25:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	182643	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	196276	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	103340	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	72184	4.463	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.200%
7) Chloroethane-d5	1.532	69	71105	4.850	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.056	65	34408	4.145	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	3.818	46	199608	48.305	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.600%
24) Chloroform-d	4.252	84	167876	4.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	4.947	65	84630	4.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	4.963	84	270359	4.825	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	5.995	67	95762	4.611	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.246	98	254714	4.950	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	7.558	79	30924	4.715	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.034	63	143702	47.173	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.340%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	72273	4.743	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.567	152	84598	4.701	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	99002	4.991	ug/L	100
3) Chloromethane	1.217	50	102077	4.967	ug/L	98
5) Vinyl chloride	1.281	62	97155	4.948	ug/L	91
6) Bromomethane	1.487	94	60924	5.075	ug/L	96
8) Chloroethane	1.548	64	60903	5.345	ug/L	97
9) Trichlorofluoromethane	1.712	101	148817	5.252	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	76286	4.895	ug/L	94
12) 1,1-Dichloroethene	2.069	96	66892	4.694	ug/L	82
13) Acetone	2.146	43	118985	45.258	ug/L	97
14) Carbon disulfide	2.240	76	220922	4.994	ug/L	99
15) Methyl Acetate	2.391	43	27369	4.866	ug/L	98
16) Methylene chloride	2.449	84	84789	4.478	ug/L	96
17) Methyl tert-butyl Ether	2.709	73	124778	4.765	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	61560	4.996	ug/L	98
19) 1,1-Dichloroethane	3.114	63	136941	5.083	ug/L	94
21) 2-Butanone	3.902	43	161867	47.302	ug/L #	78
22) cis-1,2-Dichloroethene	3.822	96	59353	4.873	ug/L	95
23) Bromochloromethane	4.150	128	31084	5.068	ug/L	96
25) Chloroform	4.278	83	138659	5.233	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	82429	4.946	ug/L	96
29) 1,1,1-Trichloroethane	4.516	97	116907	4.932	ug/L	98
30) Cyclohexane	4.584	56	79525	4.613	ug/L	95
31) Carbon tetrachloride	4.741	117	105096	5.025	ug/L	98
33) Benzene	5.014	78	257748	5.170	ug/L	100
34) Trichloroethene	5.834	95	68375	4.834	ug/L	97
35) Methylcyclohexane	6.053	83	81867	4.663	ug/L	98
37) 1,2-Dichloropropane	6.098	63	74755	5.224	ug/L #	94
38) Bromodichloromethane	6.436	83	95002	5.000	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	85119	4.778	ug/L	97
40) 4-Methyl-2-pentanone	7.165	43	383282	50.105	ug/L	99
42) Toluene	7.320	91	260889	5.418	ug/L	97
44) trans-1,3-Dichloropropene	7.587	75	79058	5.087	ug/L	98
45) 1,1,2-Trichloroethane	7.773	97	53716	5.052	ug/L	95
47) Tetrachloroethene	7.908	164	49465	5.065	ug/L	95
48) 2-Hexanone	8.082	43	317626	56.665	ug/L	98
49) Dibromochloromethane	8.182	129	59543	5.213	ug/L	98
50) 1,2-Dibromoethane	8.288	107	49398	4.968	ug/L	96
51) Chlorobenzene	8.818	112	155511	4.897	ug/L	97
52) Ethylbenzene	8.950	91	230137	4.821	ug/L	98
53) m,p-Xylene	9.079	106	84417	4.784	ug/L	100
54) o-Xylene	9.484	106	78155	4.775	ug/L	91
55) Styrene	9.500	104	147257	4.768	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	54674	4.859	ug/L	93
59) Bromoform	9.673	173	32241	4.673	ug/L	97
60) Isopropylbenzene	9.873	105	219770	4.801	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	45117	4.912	ug/L	97
62) 1,3,5-Trimethylbenzene	10.480	105	164152	4.444	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	163521	4.436	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	126336	5.121	ug/L	100
65) 1,4-Dichlorobenzene	11.214	146	129010	4.941	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	115206	4.873	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.374	75	9282	4.918	ug/L	89
69) 1,3,5-Trichlorobenzene	12.590	180	86605	4.800	ug/L	96
70) 1,2,4-trichlorobenzene	13.204	180	67030	4.688	ug/L	98
71) Naphthalene	13.445	128	96864	4.200	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	60056	4.549	ug/L	97

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

