

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012523\
 Data File : VW029935.D
 Acq On : 25 Jan 2023 10:22
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005392

Quant Time: Jan 25 22:07:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 25 00:44:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	170976	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	168524	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	104787	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	62441	4.815	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.200%
7) Chloroethane-d5	1.564	69	61048	5.679	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.600%
11) 1,1-Dichloroethene-d2	2.105	63	122601	5.186	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.800%
20) 2-Butanone-d5	3.886	46	157086	68.341	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.680%#
24) Chloroform-d	4.333	84	130191	5.473	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.400%
26) 1,2-Dichloroethane-d4	5.021	65	55127	5.472	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.400%
32) Benzene-d6	5.037	84	241532	4.832	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.056	67	78027	5.333	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.304	98	208873	4.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	7.612	79	22505	4.212	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.082	63	130287	59.894	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.780%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	63159	5.891	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.800%
66) 1,2-Dichlorobenzene-d4	11.609	152	80173	4.208	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	80894	5.084	ug/L	97
3) Chloromethane	1.240	50	91465	5.462	ug/L	99
5) Vinyl chloride	1.310	62	101217	6.164	ug/L	98
6) Bromomethane	1.519	94	39017	4.880	ug/L	98
8) Chloroethane	1.580	64	64820	6.505	ug/L	98
9) Trichlorofluoromethane	1.751	101	120322	5.594	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	73797	5.824	ug/L	95
12) 1,1-Dichloroethene	2.114	96	72852	4.990	ug/L	91
13) Acetone	2.182	43	106033	64.632	ug/L	95
14) Carbon disulfide	2.288	76	211250	5.026	ug/L	100
15) Methyl Acetate	2.436	43	23303	5.454	ug/L	97
16) Methylene chloride	2.500	84	85134	4.694	ug/L	89
17) Methyl tert-butyl Ether	2.760	73	136916	5.424	ug/L	97
18) trans-1,2-Dichloroethene	2.751	96	73444	5.412	ug/L	91
19) 1,1-Dichloroethane	3.178	63	139043	6.124	ug/L	98
21) 2-Butanone	3.969	43	141419	60.172	ug/L	99
22) cis-1,2-Dichloroethene	3.895	96	75458	5.218	ug/L	95
23) Bromochloromethane	4.233	128	33308	5.577	ug/L	84
25) Chloroform	4.358	83	135472	5.490	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	70319	5.865	ug/L	99
29) 1,1,1-Trichloroethane	4.596	97	115255	5.267	ug/L	96
30) Cyclohexane	4.664	56	108931	5.258	ug/L	95
31) Carbon tetrachloride	4.815	117	96049	5.044	ug/L	99
33) Benzene	5.085	78	307238	5.514	ug/L	100
34) Trichloroethene	5.902	95	74085	5.247	ug/L	98
35) Methylcyclohexane	6.120	83	117542	4.931	ug/L	95
37) 1,2-Dichloropropane	6.162	63	76124	5.834	ug/L	99
38) Bromodichloromethane	6.497	83	92423	5.476	ug/L	97
39) cis-1,3-Dichloropropene	7.018	75	87935	5.025	ug/L	100
40) 4-Methyl-2-pentanone	7.220	43	338346	60.762	ug/L	95
42) Toluene	7.378	91	321487	5.350	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	69934	4.960	ug/L	97
45) 1,1,2-Trichloroethane	7.828	97	48201	5.127	ug/L	95
47) Tetrachloroethene	7.963	164	58737	4.941	ug/L	98
48) 2-Hexanone	8.133	43	249373	62.655	ug/L	94
49) Dibromochloromethane	8.233	129	55107	4.995	ug/L	100
50) 1,2-Dibromoethane	8.339	107	44632	5.469	ug/L	99
51) Chlorobenzene	8.870	112	203000	5.320	ug/L	99
52) Ethylbenzene	8.998	91	320088	5.089	ug/L	100
53) m,p-Xylene	9.127	106	126204	5.070	ug/L	97
54) o-Xylene	9.532	106	121724	5.152	ug/L	98
55) Styrene	9.548	104	212402	5.227	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.230	83	59327	5.681	ug/L	97
59) Bromoform	9.718	173	28583	4.211	ug/L	98
60) Isopropylbenzene	9.918	105	312295	4.662	ug/L	99
61) 1,2,3-Trichloropropane	10.262	75	39286	5.063	ug/L	98
62) 1,3,5-Trimethylbenzene	10.525	105	253984	4.425	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	255773	4.469	ug/L	100
64) 1,3-Dichlorobenzene	11.169	146	160189	4.710	ug/L	99
65) 1,4-Dichlorobenzene	11.259	146	159576	4.706	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	145063	4.744	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.413	75	8528	4.648	ug/L	86
69) 1,3,5-Trichlorobenzene	12.631	180	124126	4.534	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	94025	4.395	ug/L	99
71) Naphthalene	13.490	128	115170	4.155	ug/L	100
72) 1,2,3-Trichlorobenzene	13.728	180	78601	4.427	ug/L	99

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

