

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012623\
 Data File : VW029958.D
 Acq On : 26 Jan 2023 10:03
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005394

Quant Time: Jan 27 01:25:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 25 22:12:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	252656	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	243765	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	135451	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	109358	5.707	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.200%
7) Chloroethane-d5	1.564	69	99160	6.242	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	124.800%
11) 1,1-Dichloroethene-d2	2.104	63	195686	5.601	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.000%
20) 2-Butanone-d5	3.883	46	176016	51.821	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.640%
24) Chloroform-d	4.336	84	185002	5.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	5.021	65	77985	5.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.040	84	382427	5.289	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
36) 1,2-Dichloropropane-d6	6.059	67	115573	5.461	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.200%
41) Toluene-d8	7.304	98	342842	5.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
43) trans-1,3-Dichloroprop...	7.612	79	35439	4.585	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.082	63	154560	49.121	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.240%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	79644	5.136	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	11.612	152	119766	4.863	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	104525	4.445	ug/L	98
3) Chloromethane	1.240	50	117831	4.761	ug/L	99
5) Vinyl chloride	1.310	62	129593	5.340	ug/L	98
6) Bromomethane	1.519	94	52829	4.472	ug/L	98
8) Chloroethane	1.580	64	85407	5.800	ug/L	100
9) Trichlorofluoromethane	1.751	101	152073	4.784	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	96136	5.134	ug/L	95
12) 1,1-Dichloroethene	2.114	96	92995	4.310	ug/L	82
13) Acetone	2.175	43	146939	60.611	ug/L	97
14) Carbon disulfide	2.288	76	266407	4.289	ug/L	99
15) Methyl Acetate	2.432	43	30126	4.772	ug/L	94
16) Methylene chloride	2.500	84	104390	3.895	ug/L	88
17) Methyl tert-butyl Ether	2.764	73	174716	4.684	ug/L	96
18) trans-1,2-Dichloroethene	2.754	96	93650	4.670	ug/L	92
19) 1,1-Dichloroethane	3.178	63	180824	5.390	ug/L	98
21) 2-Butanone	3.966	43	191207	55.055	ug/L	99
22) cis-1,2-Dichloroethene	3.899	96	98542	4.611	ug/L	92
23) Bromochloromethane	4.236	128	43411	4.919	ug/L #	82
25) Chloroform	4.362	83	178014	4.881	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.120	62	91629	5.171	ug/L	100
29) 1,1,1-Trichloroethane	4.596	97	149112	4.711	ug/L	97
30) Cyclohexane	4.667	56	140553	4.690	ug/L	96
31) Carbon tetrachloride	4.815	117	124471	4.519	ug/L	99
33) Benzene	5.088	78	403355	5.005	ug/L	100
34) Trichloroethene	5.905	95	96605	4.730	ug/L	99
35) Methylcyclohexane	6.120	83	155734	4.516	ug/L	95
37) 1,2-Dichloropropane	6.162	63	104462	5.535	ug/L	99
38) Bromodichloromethane	6.500	83	118640	4.860	ug/L	97
39) cis-1,3-Dichloropropene	7.017	75	118927	4.699	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	448766	55.716	ug/L	94
42) Toluene	7.378	91	420091	4.833	ug/L	98
44) trans-1,3-Dichloropropene	7.641	75	96138	4.713	ug/L	99
45) 1,1,2-Trichloroethane	7.828	97	66401	4.883	ug/L	96
47) Tetrachloroethene	7.963	164	79337	4.614	ug/L	98
48) 2-Hexanone	8.133	43	339762	59.016	ug/L	95
49) Dibromochloromethane	8.233	129	75379	4.723	ug/L	100
50) 1,2-Dibromoethane	8.339	107	58066	4.919	ug/L	96
51) Chlorobenzene	8.869	112	266884	4.835	ug/L	99
52) Ethylbenzene	9.001	91	425082	4.673	ug/L	99
53) m,p-Xylene	9.127	106	166161	4.614	ug/L	98
54) o-Xylene	9.532	106	160284	4.690	ug/L	99
55) Styrene	9.548	104	292327	4.974	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	78131	5.172	ug/L	97
59) Bromoform	9.718	173	37922	4.322	ug/L	98
60) Isopropylbenzene	9.921	105	415237	4.796	ug/L	99
61) 1,2,3-Trichloropropane	10.262	75	52159	5.201	ug/L	97
62) 1,3,5-Trimethylbenzene	10.529	105	336157	4.531	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	347790	4.701	ug/L	99
64) 1,3-Dichlorobenzene	11.168	146	211651	4.814	ug/L	100
65) 1,4-Dichlorobenzene	11.258	146	214425	4.892	ug/L	98
67) 1,2-Dichlorobenzene	11.628	146	194942	4.932	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.413	75	10730	4.524	ug/L	87
69) 1,3,5-Trichlorobenzene	12.631	180	165897	4.688	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	126435	4.572	ug/L	99
71) Naphthalene	13.490	128	155226	4.333	ug/L	100
72) 1,2,3-Trichlorobenzene	13.728	180	106892	4.657	ug/L	100

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

