

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012723\
 Data File : VW029969.D
 Acq On : 27 Jan 2023 10:26
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005396

Quant Time: Jan 28 01:49:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 27 01:28:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	230923	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	210831	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	118108	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	89674	5.120	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.400%
7) Chloroethane-d5	1.561	69	81003	5.579	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.600%
11) 1,1-Dichloroethene-d2	2.101	63	164194	5.142	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.800%
20) 2-Butanone-d5	3.886	46	166892	53.759	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.520%
24) Chloroform-d	4.333	84	155667	4.845	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.018	65	64494	4.740	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.037	84	320359	5.123	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	6.056	67	99509	5.437	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.800%
41) Toluene-d8	7.304	98	278159	4.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	7.609	79	32629	4.881	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.600%
46) 2-Hexanone-d5	8.082	63	142828	52.484	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.960%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	67598	5.040	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.609	152	97367	4.534	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	92875	4.321	ug/L	100
3) Chloromethane	1.236	50	117478	5.194	ug/L	100
5) Vinyl chloride	1.307	62	122346	5.516	ug/L	99
6) Bromomethane	1.516	94	41164	3.812	ug/L	97
8) Chloroethane	1.580	64	76874	5.712	ug/L	99
9) Trichlorofluoromethane	1.748	101	139337	4.796	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	85660	5.005	ug/L	94
12) 1,1-Dichloroethene	2.111	96	85978	4.360	ug/L	88
13) Acetone	2.182	43	123887	55.912	ug/L	97
14) Carbon disulfide	2.285	76	254377	4.481	ug/L	100
15) Methyl Acetate	2.433	43	29888	5.180	ug/L	92
16) Methylene chloride	2.497	84	118807	4.850	ug/L	90
17) Methyl tert-butyl Ether	2.760	73	174757	5.126	ug/L	96
18) trans-1,2-Dichloroethene	2.751	96	86688	4.729	ug/L	93
19) 1,1-Dichloroethane	3.175	63	167660	5.468	ug/L	98
21) 2-Butanone	3.969	43	181793	57.270	ug/L	98
22) cis-1,2-Dichloroethene	3.895	96	94494	4.838	ug/L	95
23) Bromochloromethane	4.230	128	40191	4.983	ug/L	# 83
25) Chloroform	4.358	83	164455	4.934	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.117	62	85773	5.297	ug/L	100
29) 1,1,1-Trichloroethane	4.593	97	135037	4.933	ug/L	97
30) Cyclohexane	4.661	56	138353	5.338	ug/L	96
31) Carbon tetrachloride	4.812	117	110079	4.621	ug/L	100
33) Benzene	5.085	78	378971	5.437	ug/L	100
34) Trichloroethene	5.899	95	89412	5.061	ug/L	96
35) Methylcyclohexane	6.117	83	148846	4.991	ug/L	96
37) 1,2-Dichloropropane	6.159	63	95360	5.842	ug/L	99
38) Bromodichloromethane	6.497	83	111837	5.297	ug/L	97
39) cis-1,3-Dichloropropene	7.014	75	121932	5.570	ug/L	100
40) 4-Methyl-2-pentanone	7.217	43	443965	63.730	ug/L	93
42) Toluene	7.374	91	384470	5.114	ug/L	99
44) trans-1,3-Dichloropropene	7.638	75	99596	5.646	ug/L	99
45) 1,1,2-Trichloroethane	7.825	97	59709	5.077	ug/L	96
47) Tetrachloroethene	7.963	164	69533	4.675	ug/L	98
48) 2-Hexanone	8.133	43	317482	63.761	ug/L	94
49) Dibromochloromethane	8.233	129	67174	4.867	ug/L	99
50) 1,2-Dibromoethane	8.339	107	52211	5.114	ug/L	99
51) Chlorobenzene	8.870	112	238296	4.992	ug/L	99
52) Ethylbenzene	8.998	91	387914	4.930	ug/L	100
53) m,p-Xylene	9.127	106	151006	4.849	ug/L	99
54) o-Xylene	9.532	106	144482	4.888	ug/L	98
55) Styrene	9.548	104	260880	5.132	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.226	83	73593	5.633	ug/L #	99
59) Bromoform	9.718	173	35364	4.623	ug/L	98
60) Isopropylbenzene	9.918	105	388098	5.141	ug/L	99
61) 1,2,3-Trichloropropane	10.259	75	49936	5.710	ug/L	97
62) 1,3,5-Trimethylbenzene	10.525	105	316565	4.893	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	324938	5.037	ug/L	100
64) 1,3-Dichlorobenzene	11.169	146	193985	5.060	ug/L	99
65) 1,4-Dichlorobenzene	11.259	146	193101	5.053	ug/L	99
67) 1,2-Dichlorobenzene	11.628	146	176186	5.112	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.413	75	10611	5.131	ug/L	90
69) 1,3,5-Trichlorobenzene	12.631	180	154695	5.013	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	125227	5.193	ug/L	100
71) Naphthalene	13.487	128	167211	5.353	ug/L	99
72) 1,2,3-Trichlorobenzene	13.728	180	107034	5.348	ug/L	99

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

