

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011623\
 Data File : VW029887.D
 Acq On : 16 Jan 2023 19:57
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005387

Quant Time: Jan 17 00:40:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	188460	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	179351	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	105967	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	55967	3.915	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.564	69	55814	4.710	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.108	63	121618	4.667	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	3.899	46	171431	67.663	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.320%#
24) Chloroform-d	4.339	84	145425	5.546	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.000%
26) 1,2-Dichloroethane-d4	5.024	65	61147	5.506	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.200%
32) Benzene-d6	5.043	84	287237	5.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.000%
36) 1,2-Dichloropropane-d6	6.063	67	86703	5.569	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.400%
41) Toluene-d8	7.307	98	262192	5.323	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
43) trans-1,3-Dichloroprop...	7.616	79	30022	5.279	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.600%
46) 2-Hexanone-d5	8.085	63	157926	68.217	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	136.440%#
56) 1,1,2,2-Tetrachloroeth...	10.204	84	72461	6.351	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	127.000%#
66) 1,2-Dichlorobenzene-d4	11.612	152	103790	5.387	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	94170	5.369	ug/L	99
3) Chloromethane	1.240	50	100662	5.453	ug/L	99
5) Vinyl chloride	1.307	62	108611	6.000	ug/L	100
6) Bromomethane	1.519	94	43652	4.953	ug/L	100
8) Chloroethane	1.580	64	68240	6.213	ug/L	100
9) Trichlorofluoromethane	1.751	101	137329	5.792	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	78300	5.606	ug/L	98
12) 1,1-Dichloroethene	2.114	96	81484	5.063	ug/L	94
13) Acetone	2.195	43	104442	57.756	ug/L	93
14) Carbon disulfide	2.291	76	236423	5.103	ug/L	99
15) Methyl Acetate	2.439	43	25056	5.321	ug/L	99
16) Methylene chloride	2.500	84	94672	4.736	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	169489	6.091	ug/L	100
18) trans-1,2-Dichloroethene	2.754	96	87953	5.880	ug/L	96
19) 1,1-Dichloroethane	3.182	63	152345	6.088	ug/L	99
21) 2-Butanone	3.986	43	160571	61.982	ug/L	91
22) cis-1,2-Dichloroethene	3.902	96	93066	5.839	ug/L	97
23) Bromochloromethane	4.240	128	40079	6.089	ug/L	94
25) Chloroform	4.365	83	158672	5.833	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	83568	6.323	ug/L	97
29) 1,1,1-Trichloroethane	4.600	97	136642	5.867	ug/L	99
30) Cyclohexane	4.667	56	128974	5.850	ug/L	97
31) Carbon tetrachloride	4.818	117	115901	5.719	ug/L	99
33) Benzene	5.092	78	367907	6.204	ug/L	100
34) Trichloroethene	5.905	95	89697	5.969	ug/L	98
35) Methylcyclohexane	6.124	83	144261	5.686	ug/L	99
37) 1,2-Dichloropropane	6.165	63	86747	6.247	ug/L	99
38) Bromodichloromethane	6.500	83	105855	5.894	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	107422	5.768	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	391953	66.139	ug/L	100
42) Toluene	7.378	91	388875	6.080	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	84935	5.660	ug/L	99
45) 1,1,2-Trichloroethane	7.828	97	60453	6.042	ug/L	99
47) Tetrachloroethene	7.966	164	74719	5.906	ug/L	98
48) 2-Hexanone	8.136	43	285348	67.366	ug/L	99
49) Dibromochloromethane	8.236	129	67621	5.759	ug/L	96
50) 1,2-Dibromoethane	8.342	107	54517	6.277	ug/L	99
51) Chlorobenzene	8.873	112	244883	6.030	ug/L	98
52) Ethylbenzene	9.001	91	398463	5.953	ug/L	99
53) m,p-Xylene	9.127	106	159259	6.011	ug/L	100
54) o-Xylene	9.535	106	153803	6.117	ug/L	98
55) Styrene	9.551	104	271236	6.272	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	72262	6.502	ug/L	98
59) Bromoform	9.722	173	34635	5.046	ug/L	99
60) Isopropylbenzene	9.921	105	400218	5.909	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	48624	6.197	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	330596	5.695	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	335372	5.794	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	198941	5.784	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	200094	5.836	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	183295	5.928	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	9814	5.289	ug/L	86
69) 1,3,5-Trichlorobenzene	12.631	180	144110	5.205	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	113511	5.247	ug/L	100
71) Naphthalene	13.490	128	152728	5.449	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	96488	5.374	ug/L	99

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

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