

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011223\
 Data File : VV029792.D
 Acq On : 12 Jan 2023 17:42
 Operator : SY/MD
 Sample : VSTD01019
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010219

Quant Time: Jan 12 21:49:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 21:47:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	202996	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	195360	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	117098	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	167872	12.931	ug/L	0.00
7) Chloroethane-d5	1.564	69	136707	14.063	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.104	63	296429	13.885	ug/L	0.00
20) 2-Butanone-d5	3.905	46	315883	143.296	ug/L	0.00
24) Chloroform-d	4.339	84	305385	13.143	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	132469	13.028	ug/L	0.00
32) Benzene-d6	5.040	84	639163	11.829	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	181159	11.804	ug/L	0.00
41) Toluene-d8	7.307	98	602000	11.832	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.612	79	69662	11.963	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	308672	142.901	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.204	84	139414	14.171	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.612	152	228169	11.233	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	214170	13.256	ug/L	98
3) Chloromethane	1.240	50	222651	14.427	ug/L	99
5) Vinyl chloride	1.307	62	217539	14.293	ug/L	99
6) Bromomethane	1.519	94	105051	11.796	ug/L	98
8) Chloroethane	1.580	64	131537	14.421	ug/L	100
9) Trichlorofluoromethane	1.748	101	288016	13.691	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	168211	14.128	ug/L	99
12) 1,1-Dichloroethene	2.114	96	167454	14.470	ug/L	98
13) Acetone	2.207	43	192893	119.791	ug/L	92
14) Carbon disulfide	2.288	76	554973	15.820	ug/L	100
15) Methyl Acetate	2.439	43	51217	11.254	ug/L	98
16) Methylene chloride	2.500	84	190752	11.017	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	349018	12.497	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	177520	13.590	ug/L	98
19) 1,1-Dichloroethane	3.182	63	297691	12.959	ug/L	99
21) 2-Butanone	3.989	43	325050	130.140	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	187334	12.813	ug/L	99
23) Bromochloromethane	4.239	128	80502	13.640	ug/L	99
25) Chloroform	4.365	83	308364	12.802	ug/L	97
27) 1,2-Dichloroethane	5.120	62	157616	12.183	ug/L	97
29) 1,1,1-Trichloroethane	4.596	97	275473	11.830	ug/L	100
30) Cyclohexane	4.667	56	276808	12.092	ug/L	99
31) Carbon tetrachloride	4.818	117	240838	12.179	ug/L	99
33) Benzene	5.088	78	736237	12.118	ug/L	100
34) Trichloroethene	5.905	95	184004	11.921	ug/L	97
35) Methylcyclohexane	6.124	83	322825	12.448	ug/L	99
37) 1,2-Dichloropropane	6.165	63	168586	11.786	ug/L	100
38) Bromodichloromethane	6.500	83	216529	12.443	ug/L	97
39) cis-1,3-Dichloropropene	7.017	75	237481	11.694	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	779788	118.592	ug/L	99
42) Toluene	7.378	91	799827	12.247	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	192853	11.871	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.831	97	118479	12.143	ug/L	98
47) Tetrachloroethene	7.966	164	153998	12.095	ug/L	99
48) 2-Hexanone	8.136	43	552359	119.811	ug/L	99
49) Dibromochloromethane	8.236	129	144107	12.986	ug/L	99
50) 1,2-Dibromoethane	8.342	107	106788	12.539	ug/L	100
51) Chlorobenzene	8.873	112	495842	12.164	ug/L	99
52) Ethylbenzene	9.001	91	844675	12.456	ug/L	99
53) m,p-Xylene	9.130	106	335504	12.467	ug/L	98
54) o-Xylene	9.532	106	323469	12.410	ug/L	100
55) Styrene	9.551	104	570054	12.827	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	138848	13.455	ug/L	98
59) Bromoform	9.722	173	82452	12.565	ug/L	100
60) Isopropylbenzene	9.921	105	858994	11.183	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	94907	11.363	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	743931	11.277	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	758413	11.401	ug/L	99
64) 1,3-Dichlorobenzene	11.168	146	420754	11.581	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	417573	11.603	ug/L	99
67) 1,2-Dichlorobenzene	11.631	146	381794	11.431	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.416	75	21439	12.689	ug/L	98
69) 1,3,5-Trichlorobenzene	12.631	180	344973	11.568	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	273732	11.418	ug/L	99
71) Naphthalene	13.490	128	377157	16.294	ug/L	100
72) 1,2,3-Trichlorobenzene	13.728	180	231290	11.810	ug/L	99

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

