

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056252.D
 Acq On : 13 Nov 2023 14:50
 Operator : MD/SY
 Sample : VSTD00180
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001080

Quant Time: Nov 13 23:30:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 13 23:28:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	310228	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	296949	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	137073	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	22981	0.990	ug/L	0.00
7) Chloroethane-d5	1.911	69	17765	0.999	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	10027	0.979	ug/L	0.00
20) 2-Butanone-d5	4.634	46	42397	9.303	ug/L	0.02
24) Chloroform-d	5.058	84	44956	1.002	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	20256	0.977	ug/L	0.00
32) Benzene-d6	5.724	84	87845	0.993	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	25948	0.973	ug/L	0.00
41) Toluene-d8	7.894	98	75192	0.962	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	9278	0.907	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	34193	8.508	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	18300	0.960	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	24647	0.973	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	23110	0.940	ug/L	99
3) Chloromethane	1.518	50	23249	0.926	ug/L	96
5) Vinyl chloride	1.602	62	23154	0.957	ug/L	97
6) Bromomethane	1.856	94	10647	0.869	ug/L	85
8) Chloroethane	1.930	64	13867	0.938	ug/L	100
9) Trichlorofluoromethane	2.136	101	31825	0.913	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	18419	0.890	ug/L	96
12) 1,1-Dichloroethene	2.576	96	17450	0.919	ug/L	94
13) Acetone	2.634	43	36621	9.293	ug/L	98
14) Carbon disulfide	2.792	76	56584	0.916	ug/L	99
15) Methyl Acetate	2.959	43	6140	0.912	ug/L	100
16) Methylene chloride	3.042	84	25419	1.011	ug/L	93
17) Methyl tert-butyl Ether	3.357	73	40446	0.877	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	16980	0.869	ug/L	98
19) 1,1-Dichloroethane	3.866	63	35210	0.910	ug/L	99
21) 2-Butanone	4.714	43	43099	8.721	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	19981	0.902	ug/L	96
23) Bromochloromethane	4.972	128	7876	0.864	ug/L #	89
25) Chloroform	5.081	83	39278	0.937	ug/L	99
27) 1,2-Dichloroethane	5.791	62	21879	0.919	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	30617	0.898	ug/L	99
30) Cyclohexane	5.380	56	27157	0.839	ug/L	99
31) Carbon tetrachloride	5.518	117	26574	0.908	ug/L	96
33) Benzene	5.772	78	75206	0.888	ug/L	100
34) Trichloroethene	6.541	95	19854	0.860	ug/L	96
35) Methylcyclohexane	6.759	83	27808	0.834	ug/L	97
37) 1,2-Dichloropropane	6.788	63	19719	0.892	ug/L #	93
38) Bromodichloromethane	7.100	83	26131	0.916	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	28116	0.866	ug/L	95
40) 4-Methyl-2-pentanone	7.785	43	92049	8.404	ug/L	98
42) Toluene	7.965	91	75651	0.862	ug/L	96
44) trans-1,3-Dichloropropene	8.209	75	21773	0.841	ug/L	97

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45) 1,1,2-Trichloroethane	8.396	97	13701	0.931	ug/L	92
47) Tetrachloroethene	8.550	164	13660	0.877	ug/L	95
48) 2-Hexanone	8.682	43	67190	7.874	ug/L	98
49) Dibromochloromethane	8.804	129	14732	0.880	ug/L	96
50) 1,2-Dibromoethane	8.920	107	12241	0.881	ug/L	100
51) Chlorobenzene	9.444	112	50821	0.902	ug/L	98
52) Ethylbenzene	9.566	91	81167	0.833	ug/L	98
53) m,p-Xylene	9.692	106	29197	0.815	ug/L	96
54) o-Xylene	10.097	106	28079	0.807	ug/L	96
55) Styrene	10.113	104	46100	0.797	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.778	83	15924	0.886	ug/L	98
59) Bromoform	10.286	173	7838	0.918	ug/L	100
60) Isopropylbenzene	10.479	105	76963	0.871	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	11038	0.939	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	60568	0.834	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	58321	0.814	ug/L	96
64) 1,3-Dichlorobenzene	11.743	146	36763	0.914	ug/L	95
65) 1,4-Dichlorobenzene	11.833	146	36473	0.904	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	33207	0.900	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	1846	0.735	ug/L	91
69) 1,3,5-Trichlorobenzene	13.216	180	25910	0.856	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	21518	0.873	ug/L	98
71) Naphthalene	14.087	128	28222	0.757	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	17045	0.839	ug/L	99

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

