

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110723\
 Data File : VU056092.D
 Acq On : 07 Nov 2023 10:34
 Operator : MD/SY
 Sample : VSTD02077
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020077

Quant Time: Nov 08 00:17:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 08 00:14:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	403051	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	384104	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	206411	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	497558	19.888	ug/L	0.00
7) Chloroethane-d5	1.907	69	315683	18.594	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	218285	19.805	ug/L	0.00
20) 2-Butanone-d5	4.618	46	886978	226.873	ug/L	0.00
24) Chloroform-d	5.055	84	951306	19.976	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	419526	20.007	ug/L	0.00
32) Benzene-d6	5.721	84	1948858	21.125	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	567767	20.908	ug/L	0.00
41) Toluene-d8	7.894	98	1797212	21.260	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	226249	21.796	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	856014	253.446	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	414090	21.365	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	616079	19.355	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	667440	19.526	ug/L	99
3) Chloromethane	1.515	50	617696	19.290	ug/L	97
5) Vinyl chloride	1.602	62	657145	19.838	ug/L	98
6) Bromomethane	1.853	94	363580	19.109	ug/L	100
8) Chloroethane	1.927	64	324859	18.088	ug/L	99
9) Trichlorofluoromethane	2.132	101	860782	19.647	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	546661	19.586	ug/L	99
12) 1,1-Dichloroethene	2.573	96	529455	20.439	ug/L	95
13) Acetone	2.628	43	591279	195.346	ug/L	100
14) Carbon disulfide	2.788	76	1780671	20.172	ug/L	99
15) Methyl Acetate	2.946	43	175077	20.500	ug/L	97
16) Methylene chloride	3.039	84	567135	19.092	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	1237622	21.206	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	557846	20.321	ug/L	97
19) 1,1-Dichloroethane	3.862	63	1002873	20.028	ug/L	96
21) 2-Butanone	4.695	43	1075745	215.504	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	614382	20.733	ug/L	99
23) Bromochloromethane	4.965	128	259019	19.700	ug/L	99
25) Chloroform	5.081	83	1039453	19.481	ug/L	99
27) 1,2-Dichloroethane	5.788	62	598434	19.816	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	910801	20.698	ug/L	99
30) Cyclohexane	5.383	56	894202	21.750	ug/L	99
31) Carbon tetrachloride	5.518	117	804826	20.598	ug/L	100
33) Benzene	5.769	78	2302491	20.935	ug/L	100
34) Trichloroethene	6.537	95	623932	20.769	ug/L	97
35) Methylcyclohexane	6.759	83	974900	21.835	ug/L	98
37) 1,2-Dichloropropane	6.785	63	579939	20.277	ug/L	100
38) Bromodichloromethane	7.100	83	730734	20.460	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	907321	22.477	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	2771297	221.522	ug/L	99
42) Toluene	7.965	91	2462236	21.236	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	714994	21.876	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	399274	20.421	ug/L	98
47) Tetrachloroethene	8.550	164	461340	20.461	ug/L	97
48) 2-Hexanone	8.682	43	2031952	227.045	ug/L	99
49) Dibromochloromethane	8.804	129	472705	21.070	ug/L	96
50) 1,2-Dibromoethane	8.917	107	390471	21.372	ug/L	96
51) Chlorobenzene	9.441	112	1534939	20.519	ug/L	99
52) Ethylbenzene	9.566	91	2753407	21.792	ug/L	100
53) m,p-Xylene	9.688	106	1061517	22.090	ug/L	97
54) o-Xylene	10.097	106	1018600	22.113	ug/L	97
55) Styrene	10.110	104	1751937	23.248	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	487154	21.202	ug/L	98
59) Bromoform	10.286	173	286000	19.951	ug/L	100
60) Isopropylbenzene	10.479	105	2742254	20.491	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	334315	18.764	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	2339111	21.552	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	2321459	21.805	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	1268907	20.020	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	1252176	19.979	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	1161751	19.890	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	78601	20.914	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	957987	20.181	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	817734	21.712	ug/L	98
71) Naphthalene	14.080	128	1302981	23.743	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	702463	21.274	ug/L	100

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

