

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070723\
 Data File : VU054772.D
 Acq On : 07 Jul 2023 09:35
 Operator : MD/SY
 Sample : VSTD00138
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001038

Quant Time: Jul 08 07:40:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR070723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 08 07:39:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	226251	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	220279	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	109991	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	15941	0.934	ug/L	0.00
7) Chloroethane-d5	1.907	69	13828	0.968	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	6831	0.980	ug/L	0.00
20) 2-Butanone-d5	4.634	46	35131	9.055	ug/L	0.00
24) Chloroform-d	5.058	84	29065	0.955	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	15049	0.946	ug/L	0.00
32) Benzene-d6	5.724	84	52997	0.906	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	17327	0.934	ug/L	0.00
41) Toluene-d8	7.894	98	48970	0.899	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	6663	0.893	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	23025	8.053	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	14500	0.970	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	17753	0.926	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	17854	1.016	ug/L	95
3) Chloromethane	1.518	50	20691	1.054	ug/L	97
5) Vinyl chloride	1.602	62	19527	1.024	ug/L	100
6) Bromomethane	1.853	94	12358	1.066	ug/L	97
8) Chloroethane	1.930	64	11332	1.038	ug/L	98
9) Trichlorofluoromethane	2.132	101	25679	1.033	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	12383	0.997	ug/L	97
12) 1,1-Dichloroethene	2.573	96	12026	1.039	ug/L	94
13) Acetone	2.634	43	21634	10.677	ug/L	98
14) Carbon disulfide	2.788	76	39515	1.014	ug/L	99
15) Methyl Acetate	2.956	43	5112	1.020	ug/L	97
16) Methylene chloride	3.042	84	20525	1.198	ug/L	86
17) Methyl tert-butyl Ether	3.361	73	26516	0.971	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	12598	1.057	ug/L	96
19) 1,1-Dichloroethane	3.865	63	23585	1.021	ug/L	91
21) 2-Butanone	4.714	43	29297	9.595	ug/L	96
22) cis-1,2-Dichloroethene	4.666	96	12855	0.991	ug/L	88
23) Bromochloromethane	4.975	128	5812	1.007	ug/L #	90
25) Chloroform	5.087	83	23959	0.989	ug/L	92
27) 1,2-Dichloroethane	5.791	62	17075	1.091	ug/L	97
29) 1,1,1-Trichloroethane	5.316	97	20832	0.980	ug/L	97
30) Cyclohexane	5.383	56	17781	0.940	ug/L	98
31) Carbon tetrachloride	5.521	117	19419	1.018	ug/L	99
33) Benzene	5.772	78	49015	0.988	ug/L	100
34) Trichloroethene	6.541	95	14182	1.022	ug/L	95
35) Methylcyclohexane	6.759	83	18115	0.933	ug/L	98
37) 1,2-Dichloropropane	6.788	63	13217	1.016	ug/L #	96
38) Bromodichloromethane	7.103	83	16679	0.998	ug/L	98
39) cis-1,3-Dichloropropene	7.608	75	18405	0.945	ug/L	95
40) 4-Methyl-2-pentanone	7.788	43	67778	9.293	ug/L	98
42) Toluene	7.968	91	50080	0.953	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	16259	0.966	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.399	97	9914	1.064	ug/L	82
47) Tetrachloroethene	8.550	164	10984	0.977	ug/L	97
48) 2-Hexanone	8.682	43	47777	9.097	ug/L	96
49) Dibromochloromethane	8.807	129	10710	0.987	ug/L	94
50) 1,2-Dibromoethane	8.923	107	9033	1.016	ug/L	98
51) Chlorobenzene	9.444	112	32757	0.973	ug/L	98
52) Ethylbenzene	9.569	91	52125	0.926	ug/L	99
53) m,p-Xylene	9.692	106	20123	0.936	ug/L	87
54) o-Xylene	10.097	106	17955	0.894	ug/L	90
55) Styrene	10.113	104	29081	0.857	ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.778	83	10782	0.949	ug/L	81
59) Bromoform	10.286	173	6531	1.015	ug/L	100
60) Isopropylbenzene	10.483	105	47791	0.936	ug/L	98
61) 1,2,3-Trichloropropane	10.820	75	8852	1.104	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	38310	0.905	ug/L	97
63) 1,2,4-Trimethylbenzene	11.466	105	35361	0.874	ug/L	96
64) 1,3-Dichlorobenzene	11.743	146	25387	0.988	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	26316	1.028	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	23423	0.992	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.997	75	2187	1.121	ug/L #	78
69) 1,3,5-Trichlorobenzene	13.219	180	18878	0.983	ug/L	95
70) 1,2,4-trichlorobenzene	13.839	180	14633	0.948	ug/L	97
71) Naphthalene	14.087	128	21448	0.880	ug/L	99
72) 1,2,3-Trichlorobenzene	14.331	180	13002	0.942	ug/L	98

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

