

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055039.D
 Acq On : 01 Sep 2023 14:05
 Operator : MD/SY
 Sample : VSTD01052
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010052

Quant Time: Sep 01 23:23:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 23:21:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	196937	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	201809	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	115444	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	94853	13.964	ug/L	0.00
7) Chloroethane-d5	1.907	69	113125	13.150	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	55818	14.459	ug/L	0.00
20) 2-Butanone-d5	4.624	46	309778	95.147	ug/L	0.00
24) Chloroform-d	5.058	84	267956	11.446	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	133172	10.816	ug/L	0.00
32) Benzene-d6	5.724	84	524632	11.237	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	166943	10.482	ug/L	0.00
41) Toluene-d8	7.894	98	488532	11.025	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	48598	9.513	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	208648	87.605	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	122005	9.180	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	169901	9.368	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	123742	10.145	ug/L	96
3) Chloromethane	1.515	50	123864	9.775	ug/L	100
5) Vinyl chloride	1.602	62	131458	10.078	ug/L	95
6) Bromomethane	1.853	94	78702	9.676	ug/L	99
8) Chloroethane	1.930	64	84680	9.828	ug/L	97
9) Trichlorofluoromethane	2.133	101	187578	10.041	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	110679	10.748	ug/L	99
12) 1,1-Dichloroethene	2.576	96	94902	10.571	ug/L	95
13) Acetone	2.634	43	189869	103.233	ug/L	99
14) Carbon disulfide	2.788	76	233753	9.659	ug/L	98
15) Methyl Acetate	2.952	43	39212	10.586	ug/L	94
16) Methylene chloride	3.039	84	114067	8.058	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	262585	10.199	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	98884	10.186	ug/L	95
19) 1,1-Dichloroethane	3.866	63	213423	10.461	ug/L	98
21) 2-Butanone	4.708	43	290890	103.640	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	122034	10.663	ug/L	95
23) Bromochloromethane	4.975	128	51634	10.363	ug/L	97
25) Chloroform	5.084	83	224472	10.057	ug/L	97
27) 1,2-Dichloroethane	5.792	62	140563	10.313	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	186082	9.404	ug/L	99
30) Cyclohexane	5.383	56	165764	9.548	ug/L	99
31) Carbon tetrachloride	5.521	117	154688	9.215	ug/L	97
33) Benzene	5.772	78	452646	9.593	ug/L	100
34) Trichloroethene	6.541	95	125455	9.661	ug/L	96
35) Methylcyclohexane	6.759	83	182614	9.560	ug/L	100
37) 1,2-Dichloropropane	6.788	63	124311	9.443	ug/L	99
38) Bromodichloromethane	7.103	83	151680	9.396	ug/L	97
39) cis-1,3-Dichloropropene	7.605	75	181265	9.713	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	728054	99.532	ug/L	100
42) Toluene	7.965	91	500790	9.663	ug/L	97
44) trans-1,3-Dichloropropene	8.209	75	143939	9.391	ug/L	95

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45) 1,1,2-Trichloroethane	8.396	97	88204	10.076	ug/L	95
47) Tetrachloroethene	8.550	164	86642	9.307	ug/L	99
48) 2-Hexanone	8.682	43	551169	101.312	ug/L	99
49) Dibromochloromethane	8.807	129	93041	9.119	ug/L	100
50) 1,2-Dibromoethane	8.920	107	80504	9.529	ug/L	90
51) Chlorobenzene	9.444	112	318832	9.410	ug/L	99
52) Ethylbenzene	9.566	91	561190	9.623	ug/L	100
53) m,p-Xylene	9.692	106	208480	9.551	ug/L	98
54) o-Xylene	10.097	106	201233	9.566	ug/L	98
55) Styrene	10.110	104	345791	10.002	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	106990	9.706	ug/L	93
59) Bromoform	10.290	173	49910	8.960	ug/L	99
60) Isopropylbenzene	10.483	105	566823	9.407	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	77872	9.171	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	483101	9.401	ug/L	100
63) 1,2,4-Trimethylbenzene	11.467	105	473543	9.950	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	259469	9.206	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	258669	9.206	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	242647	9.493	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	16260	10.057	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	190011	10.042	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	156261	10.458	ug/L	98
71) Naphthalene	14.084	128	244161	10.744	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	134471	10.740	ug/L	97

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

