

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091523\
 Data File : VU055339.D
 Acq On : 15 Sep 2023 14:30
 Operator : MD/SY
 Sample : VSTD02059
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020059

Quant Time: Sep 16 00:17:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 16 00:14:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	230277	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	245914	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	147844	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	258340	19.856	ug/L	0.00
7) Chloroethane-d5	1.910	69	296066	27.547	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	94152	16.937	ug/L	0.00
20) 2-Butanone-d5	4.624	46	807040	314.845	ug/L	0.00
24) Chloroform-d	5.058	84	621171	24.468	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	310022	25.993	ug/L	0.00
32) Benzene-d6	5.724	84	1092053	21.111	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.688	67	368426	23.785	ug/L	0.00
41) Toluene-d8	7.894	98	967777	20.123	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	146995	24.536	ug/L	0.00
46) 2-Hexanone-d5	8.630	63	584032	309.695	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	326090	27.906	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	400890	21.402	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	396947	21.641	ug/L	100
3) Chloromethane	1.515	50	383246	22.130	ug/L	98
5) Vinyl chloride	1.602	62	409913	22.479	ug/L	99
6) Bromomethane	1.856	94	313649	26.402	ug/L	100
8) Chloroethane	1.930	64	329893	26.613	ug/L	99
9) Trichlorofluoromethane	2.132	101	679564	23.320	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	322155	20.008	ug/L	98
12) 1,1-Dichloroethene	2.576	96	297298	20.628	ug/L	97
13) Acetone	2.640	43	410353	142.273	ug/L	99
14) Carbon disulfide	2.788	76	968667	25.130	ug/L	99
15) Methyl Acetate	2.952	43	101670	19.070	ug/L	94
16) Methylene chloride	3.039	84	345118	17.846	ug/L	96
17) Methyl tert-butyl Ether	3.357	73	766635	21.387	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	332910	22.275	ug/L	98
19) 1,1-Dichloroethane	3.862	63	639842	21.431	ug/L	97
21) 2-Butanone	4.705	43	774746	196.178	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	403030	23.153	ug/L	96
23) Bromochloromethane	4.971	128	161527	21.584	ug/L	94
25) Chloroform	5.084	83	700740	21.688	ug/L	96
27) 1,2-Dichloroethane	5.791	62	425471	22.634	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	614115	19.940	ug/L	98
30) Cyclohexane	5.386	56	602199	23.195	ug/L	97
31) Carbon tetrachloride	5.521	117	528453	20.026	ug/L	99
33) Benzene	5.772	78	1578508	22.047	ug/L	100
34) Trichloroethene	6.537	95	440766	22.701	ug/L	95
35) Methylcyclohexane	6.759	83	697553	24.295	ug/L	99
37) 1,2-Dichloropropane	6.788	63	400313	21.277	ug/L	100
38) Bromodichloromethane	7.103	83	501625	21.384	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	614461	22.455	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	2029184	216.869	ug/L	97
42) Toluene	7.968	91	1795141	23.459	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	498902	22.499	ug/L	98

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45) 1,1,2-Trichloroethane	8.396	97	286276	21.539	ug/L	98
47) Tetrachloroethene	8.550	164	322220	21.113	ug/L	96
48) 2-Hexanone	8.682	43	1525035	213.540	ug/L	96
49) Dibromochloromethane	8.807	129	326975	22.265	ug/L	97
50) 1,2-Dibromoethane	8.920	107	274091	22.116	ug/L #	98
51) Chlorobenzene	9.444	112	1125830	22.033	ug/L	99
52) Ethylbenzene	9.566	91	2035959	23.933	ug/L	100
53) m,p-Xylene	9.691	106	793671	24.588	ug/L	100
54) o-Xylene	10.097	106	767014	24.202	ug/L	98
55) Styrene	10.110	104	1299960	25.069	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	324733	20.706	ug/L	97
59) Bromoform	10.290	173	179158	19.376	ug/L	98
60) Isopropylbenzene	10.479	105	2080970	22.325	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	245230	20.000	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	1701482	22.724	ug/L	100
63) 1,2,4-Trimethylbenzene	11.466	105	1781874	23.783	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	930618	20.413	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	924977	20.366	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	848507	20.341	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	48189	19.373	ug/L	83
69) 1,3,5-Trichlorobenzene	13.215	180	682289	20.627	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	551211	20.549	ug/L	99
71) Naphthalene	14.084	128	818868	21.224	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	476165	21.088	ug/L	100

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

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