

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091923\
 Data File : VU055393.D
 Acq On : 19 Sep 2023 15:25
 Operator : MD/SY
 Sample : VSTD02065
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020065

Quant Time: Sep 20 05:26:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 20 05:24:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	277799	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	291521	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	171358	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	569744	31.400	ug/L	0.00
7) Chloroethane-d5	1.907	69	557076	29.457	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.554	65	240259	35.229	ug/L	0.00
20) 2-Butanone-d5	4.631	46	1138831	253.212	ug/L	0.00
24) Chloroform-d	5.055	84	1062607	27.761	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	506053	26.490	ug/L	0.00
32) Benzene-d6	5.721	84	2159924	31.318	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	632290	27.993	ug/L	0.00
41) Toluene-d8	7.894	98	2023326	33.353	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	254820	31.534	ug/L	0.00
46) 2-Hexanone-d5	8.647	63	884360	320.867	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.759	84	502030	26.608	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.193	152	716688	29.468	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	522723	19.774	ug/L	100
3) Chloromethane	1.518	50	444048	17.897	ug/L	99
5) Vinyl chloride	1.602	62	502145	18.635	ug/L	99
6) Bromomethane	1.856	94	309763	15.502	ug/L	98
8) Chloroethane	1.927	64	369807	17.713	ug/L	98
9) Trichlorofluoromethane	2.120	101	804842	19.337	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	431125	19.852	ug/L	99
12) 1,1-Dichloroethene	2.567	96	397987	20.499	ug/L	96
13) Acetone	2.644	43	553398	195.066	ug/L	99
14) Carbon disulfide	2.779	76	1186898	19.604	ug/L	99
15) Methyl Acetate	2.949	43	129428	19.366	ug/L	99
16) Methylene chloride	3.033	84	423448	14.779	ug/L	99
17) Methyl tert-butyl Ether	3.361	73	889725	19.519	ug/L	99
18) trans-1,2-Dichloroethene	3.342	96	397202	18.938	ug/L	98
19) 1,1-Dichloroethane	3.859	63	721929	17.891	ug/L	99
21) 2-Butanone	4.711	43	891833	194.158	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	451144	18.434	ug/L	98
23) Bromochloromethane	4.965	128	186297	18.620	ug/L	99
25) Chloroform	5.081	83	758787	17.341	ug/L	97
27) 1,2-Dichloroethane	5.788	62	458900	16.996	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	666422	18.475	ug/L	99
30) Cyclohexane	5.380	56	660782	19.613	ug/L	99
31) Carbon tetrachloride	5.518	117	581265	18.772	ug/L	98
33) Benzene	5.769	78	1690455	18.090	ug/L	100
34) Trichloroethene	6.538	95	459670	17.295	ug/L	98
35) Methylcyclohexane	6.759	83	754640	19.629	ug/L	98
37) 1,2-Dichloropropane	6.785	63	431429	17.736	ug/L	100
38) Bromodichloromethane	7.100	83	521832	17.846	ug/L	97
39) cis-1,3-Dichloropropene	7.605	75	661477	19.749	ug/L	98
40) 4-Methyl-2-pentanone	7.795	43	2136339	185.337	ug/L	98
42) Toluene	7.965	91	1852628	18.232	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	534163	20.343	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.399	97	304383	17.768	ug/L	99
47) Tetrachloroethene	8.550	164	344875	18.596	ug/L	99
48) 2-Hexanone	8.698	43	1718624	197.955	ug/L	99
49) Dibromochloromethane	8.808	129	347889	19.865	ug/L	95
50) 1,2-Dibromoethane	8.923	107	294298	18.602	ug/L	99
51) Chlorobenzene	9.444	112	1167234	17.807	ug/L	100
52) Ethylbenzene	9.570	91	2096289	18.924	ug/L	98
53) m,p-Xylene	9.692	106	812048	19.407	ug/L	99
54) o-Xylene	10.097	106	789019	19.921	ug/L	96
55) Styrene	10.113	104	1359992	20.474	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.785	83	359245	19.102	ug/L	99
59) Bromoform	10.293	173	194519	19.802	ug/L	99
60) Isopropylbenzene	10.483	105	2143231	17.963	ug/L	100
61) 1,2,3-Trichloropropane	10.824	75	256070	15.983	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	1807282	19.628	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	1783755	19.175	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	952153	17.144	ug/L	98
65) 1,4-Dichlorobenzene	11.836	146	943576	17.431	ug/L	99
67) 1,2-Dichlorobenzene	12.213	146	865003	17.374	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.994	75	52072	18.968	ug/L	94
69) 1,3,5-Trichlorobenzene	13.216	180	661960	17.388	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	528586	17.944	ug/L	99
71) Naphthalene	14.084	128	834054	19.643	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	464005	18.060	ug/L	99

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

