

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102423\
 Data File : VU055864.D
 Acq On : 24 Oct 2023 11:13
 Operator : MD/SY
 Sample : VSTD02071
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020071

Quant Time: Oct 25 05:02:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 04:59:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	379262	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	367782	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	203617	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	619895	40.478	ug/L	0.00
7) Chloroethane-d5	1.910	69	454922	26.593	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	270057	34.054	ug/L	0.00
20) 2-Butanone-d5	4.621	46	1229158	194.938	ug/L	0.00
24) Chloroform-d	5.058	84	1186457	25.556	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	573621	23.711	ug/L	0.00
32) Benzene-d6	5.721	84	2387304	27.182	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	708337	23.840	ug/L	0.00
41) Toluene-d8	7.894	98	2220456	26.646	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	284634	28.227	ug/L	0.00
46) 2-Hexanone-d5	8.630	63	887387	206.691	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	537730	21.724	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	801136	24.084	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	446861	19.377	ug/L	98
3) Chloromethane	1.518	50	422572	17.686	ug/L	99
5) Vinyl chloride	1.602	62	472333	19.057	ug/L	97
6) Bromomethane	1.856	94	283121	18.248	ug/L	99
8) Chloroethane	1.930	64	257447	15.972	ug/L	99
9) Trichlorofluoromethane	2.136	101	666519	18.987	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	431900	21.811	ug/L	98
12) 1,1-Dichloroethene	2.576	96	390771	22.554	ug/L	99
13) Acetone	2.637	43	632581	182.069	ug/L	99
14) Carbon disulfide	2.788	76	982273	20.807	ug/L	100
15) Methyl Acetate	2.949	43	139218	19.934	ug/L	97
16) Methylene chloride	3.039	84	426205	16.299	ug/L	99
17) Methyl tert-butyl Ether	3.357	73	991932	20.201	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	390963	20.911	ug/L	97
19) 1,1-Dichloroethane	3.862	63	791429	20.403	ug/L	98
21) 2-Butanone	4.701	43	1004082	189.789	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	467661	21.353	ug/L	97
23) Bromochloromethane	4.968	128	193948	20.365	ug/L	97
25) Chloroform	5.081	83	832473	19.622	ug/L	99
27) 1,2-Dichloroethane	5.788	62	497102	19.156	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	724897	20.057	ug/L	99
30) Cyclohexane	5.383	56	654804	20.853	ug/L	98
31) Carbon tetrachloride	5.521	117	622148	20.266	ug/L	97
33) Benzene	5.769	78	1747820	20.370	ug/L	100
34) Trichloroethene	6.537	95	484670	20.491	ug/L	99
35) Methylcyclohexane	6.759	83	719633	20.823	ug/L	97
37) 1,2-Dichloropropane	6.785	63	463873	19.581	ug/L	100
38) Bromodichloromethane	7.100	83	596408	20.215	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	725257	21.346	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	2412471	186.143	ug/L	99
42) Toluene	7.965	91	1892137	20.057	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	585017	20.874	ug/L	99

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45) 1,1,2-Trichloroethane	8.396	97	325352	20.322	ug/L	98
47) Tetrachloroethene	8.550	164	346891	20.337	ug/L	97
48) 2-Hexanone	8.682	43	1928175	197.966	ug/L	99
49) Dibromochloromethane	8.804	129	378742	20.241	ug/L	100
50) 1,2-Dibromoethane	8.920	107	309033	20.070	ug/L	100
51) Chlorobenzene	9.441	112	1210716	19.726	ug/L	99
52) Ethylbenzene	9.566	91	2184476	20.620	ug/L	100
53) m,p-Xylene	9.688	106	831521	20.936	ug/L	97
54) o-Xylene	10.097	106	811283	21.203	ug/L	100
55) Styrene	10.110	104	1389933	22.075	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	396227	20.076	ug/L	98
59) Bromoform	10.286	173	222101	21.832	ug/L	99
60) Isopropylbenzene	10.479	105	2231319	20.820	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	283688	19.031	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	1904059	20.949	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	1835763	21.793	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	1022562	20.438	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	1023576	20.468	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	942381	20.724	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	59770	21.178	ug/L	94
69) 1,3,5-Trichlorobenzene	13.215	180	736260	22.028	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	589171	22.791	ug/L	99
71) Naphthalene	14.080	128	900688	23.170	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	501634	23.195	ug/L	98

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

