

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056724.D
 Acq On : 11 Dec 2023 11:29
 Operator : MD/SY
 Sample : VSTD01008
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010008

Quant Time: Dec 12 00:39:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 00:37:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	264491	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	259390	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	132869	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	239811	10.578	ug/L	0.00
7) Chloroethane-d5	1.911	69	180615	10.646	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	106119	10.940	ug/L	0.00
20) 2-Butanone-d5	4.612	46	520400	116.232	ug/L	0.00
24) Chloroform-d	5.055	84	463488	10.796	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	221722	10.914	ug/L	0.00
32) Benzene-d6	5.721	84	903118	11.225	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	274889	10.916	ug/L	0.00
41) Toluene-d8	7.891	98	810243	11.268	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	112955	11.566	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	455545	124.845	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	203443	11.166	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	270936	10.373	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	278475	10.048	ug/L	98
3) Chloromethane	1.515	50	268088	9.838	ug/L	100
5) Vinyl chloride	1.602	62	274140	10.130	ug/L	99
6) Bromomethane	1.853	94	152694	9.570	ug/L	97
8) Chloroethane	1.930	64	162005	10.219	ug/L	98
9) Trichlorofluoromethane	2.136	101	384526	10.082	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	233181	9.968	ug/L	97
12) 1,1-Dichloroethene	2.576	96	216163	10.067	ug/L	98
13) Acetone	2.625	43	281106	103.026	ug/L	99
14) Carbon disulfide	2.789	76	736873	9.891	ug/L	100
15) Methyl Acetate	2.946	43	82459	11.089	ug/L	94
16) Methylene chloride	3.039	84	232190	9.925	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	506454	10.637	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	222376	10.214	ug/L	97
19) 1,1-Dichloroethane	3.862	63	425386	10.157	ug/L	99
21) 2-Butanone	4.692	43	492169	112.096	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	246519	10.408	ug/L	99
23) Bromochloromethane	4.965	128	101753	10.262	ug/L	98
25) Chloroform	5.078	83	441060	10.053	ug/L	99
27) 1,2-Dichloroethane	5.788	62	266462	10.270	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	387747	10.341	ug/L	99
30) Cyclohexane	5.383	56	383153	10.888	ug/L	99
31) Carbon tetrachloride	5.518	117	341305	10.473	ug/L	99
33) Benzene	5.766	78	947819	10.397	ug/L	100
34) Trichloroethene	6.538	95	257830	10.311	ug/L	99
35) Methylcyclohexane	6.756	83	403936	10.946	ug/L	98
37) 1,2-Dichloropropane	6.782	63	244634	10.491	ug/L	99
38) Bromodichloromethane	7.097	83	307373	10.336	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	368105	10.831	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	1216409	109.853	ug/L	99
42) Toluene	7.965	91	1019055	10.804	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	302092	10.845	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	163367	10.363	ug/L	98
47) Tetrachloroethene	8.547	164	180709	10.326	ug/L	98
48) 2-Hexanone	8.676	43	868887	110.174	ug/L	98
49) Dibromochloromethane	8.804	129	187246	10.333	ug/L	99
50) 1,2-Dibromoethane	8.917	107	154999	10.593	ug/L	99
51) Chlorobenzene	9.441	112	626170	10.416	ug/L	99
52) Ethylbenzene	9.566	91	1140860	10.965	ug/L	99
53) m,p-Xylene	9.689	106	432749	11.163	ug/L	100
54) o-Xylene	10.094	106	406871	11.017	ug/L	100
55) Styrene	10.110	104	705540	11.634	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	197441	10.366	ug/L	99
59) Bromoform	10.283	173	107446	9.904	ug/L	99
60) Isopropylbenzene	10.480	105	1120651	10.675	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	139102	9.750	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	929943	10.839	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	935720	10.981	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	495299	9.974	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	482466	9.867	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	442294	9.777	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	30027	10.542	ug/L	96
69) 1,3,5-Trichlorobenzene	13.213	180	367135	9.785	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	296370	9.974	ug/L	98
71) Naphthalene	14.081	128	444756	10.228	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	249793	9.902	ug/L	99

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

