

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057131.D
 Acq On : 21 Dec 2023 12:15
 Operator : MD/SY
 Sample : VSTD00513
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005013

Quant Time: Dec 21 23:05:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 21 23:04:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	175122	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	169121	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	87325	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	85315	5.531	ug/L	0.00
7) Chloroethane-d5	1.911	69	70577	6.010	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	38215	5.746	ug/L	0.00
20) 2-Butanone-d5	4.621	46	135600	46.801	ug/L	0.00
24) Chloroform-d	5.055	84	166839	5.677	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	78780	5.669	ug/L	0.00
32) Benzene-d6	5.721	84	300786	5.600	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	85925	5.183	ug/L	0.00
41) Toluene-d8	7.891	98	283250	5.836	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	34706	5.348	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	124177	51.353	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	60510	5.055	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	92583	5.276	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	81886	4.522	ug/L	100
3) Chloromethane	1.518	50	64737	3.762	ug/L	100
5) Vinyl chloride	1.602	62	75355	4.310	ug/L	100
6) Bromomethane	1.856	94	29783	3.041	ug/L	100
8) Chloroethane	1.933	64	47698	4.608	ug/L	100
9) Trichlorofluoromethane	2.136	101	141404	5.447	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	72767	4.738	ug/L	100
12) 1,1-Dichloroethene	2.576	96	62527	4.465	ug/L	100
13) Acetone	2.631	43	76045	42.952	ug/L	100
14) Carbon disulfide	2.788	76	188722	3.974	ug/L	100
15) Methyl Acetate	2.949	43	18373	3.899	ug/L	100
16) Methylene chloride	3.039	84	68007	4.459	ug/L	100
17) Methyl tert-butyl Ether	3.351	73	138253	4.472	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	63654	4.487	ug/L	100
19) 1,1-Dichloroethane	3.859	63	125830	4.591	ug/L	100
21) 2-Butanone	4.698	43	113934	39.038	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	70414	4.546	ug/L	100
23) Bromochloromethane	4.968	128	28714	4.463	ug/L	100
25) Chloroform	5.078	83	140721	4.843	ug/L	100
27) 1,2-Dichloroethane	5.785	62	83423	4.835	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	135130	5.386	ug/L	100
30) Cyclohexane	5.383	56	90594	4.104	ug/L	100
31) Carbon tetrachloride	5.518	117	117975	5.398	ug/L	100
33) Benzene	5.766	78	269059	4.603	ug/L	100
34) Trichloroethene	6.534	95	76156	4.707	ug/L	100
35) Methylcyclohexane	6.756	83	104647	4.427	ug/L	100
37) 1,2-Dichloropropane	6.785	63	67044	4.501	ug/L	100
38) Bromodichloromethane	7.097	83	95559	4.914	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	98227	4.518	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	292864	41.938	ug/L	100
42) Toluene	7.962	91	291734	4.786	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	86083	4.767	ug/L	100

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45) 1,1,2-Trichloroethane	8.393	97	45128	4.483	ug/L	100
47) Tetrachloroethene	8.547	164	55525	4.861	ug/L	100
48) 2-Hexanone	8.679	43	215722	43.170	ug/L	100
49) Dibromochloromethane	8.804	129	58666	4.952	ug/L	100
50) 1,2-Dibromoethane	8.917	107	42517	4.553	ug/L	100
51) Chlorobenzene	9.441	112	181549	4.666	ug/L	100
52) Ethylbenzene	9.563	91	318671	4.739	ug/L	100
53) m,p-Xylene	9.689	106	121179	4.830	ug/L	100
54) o-Xylene	10.094	106	115514	4.831	ug/L	100
55) Styrene	10.110	104	197553	5.028	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	55557	4.527	ug/L	100
59) Bromoform	10.283	173	32611	4.605	ug/L	100
60) Isopropylbenzene	10.476	105	327777	4.794	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	38947	4.254	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	262519	4.694	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	262749	4.737	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	149836	4.627	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	149468	4.639	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	134232	4.531	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	9064	4.806	ug/L	100
69) 1,3,5-Trichlorobenzene	13.213	180	108864	4.431	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	82578	4.252	ug/L	100
71) Naphthalene	14.081	128	106240	3.760	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	65204	3.979	ug/L	100

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

