

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057132.D
 Acq On : 21 Dec 2023 12:39
 Operator : MD/SY
 Sample : VSTD01014
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010014

Quant Time: Dec 21 23:06:16 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	174243	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	167128	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	88864	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	171216	11.155	ug/L	0.00
7) Chloroethane-d5	1.911	69	144113	12.333	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	77963	11.782	ug/L	0.00
20) 2-Butanone-d5	4.618	46	279210	96.853	ug/L	0.00
24) Chloroform-d	5.055	84	332922	11.385	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	159343	11.525	ug/L	0.00
32) Benzene-d6	5.721	84	606778	11.432	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	169137	10.323	ug/L	0.00
41) Toluene-d8	7.891	98	572526	11.936	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	73305	11.431	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	268562	112.388	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	121269	10.252	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	189138	10.592	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	163281	9.063	ug/L	100
3) Chloromethane	1.518	50	128420	7.500	ug/L	99
5) Vinyl chloride	1.602	62	153620	8.832	ug/L	99
6) Bromomethane	1.856	94	63908	6.559	ug/L	95
8) Chloroethane	1.933	64	97324	9.449	ug/L	99
9) Trichlorofluoromethane	2.136	101	280219	10.849	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	145577	9.527	ug/L	99
12) 1,1-Dichloroethene	2.576	96	126254	9.061	ug/L	97
13) Acetone	2.634	43	159981	90.818	ug/L	97
14) Carbon disulfide	2.788	76	372310	7.879	ug/L	100
15) Methyl Acetate	2.949	43	37906	8.086	ug/L	99
16) Methylene chloride	3.039	84	132709	8.744	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	287792	9.356	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	128230	9.085	ug/L	99
19) 1,1-Dichloroethane	3.862	63	252747	9.269	ug/L	99
21) 2-Butanone	4.698	43	242643	83.558	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	145030	9.411	ug/L	97
23) Bromochloromethane	4.965	128	60762	9.491	ug/L	93
25) Chloroform	5.078	83	283440	9.805	ug/L	99
27) 1,2-Dichloroethane	5.785	62	164876	9.604	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	265215	10.696	ug/L	99
30) Cyclohexane	5.383	56	192654	8.831	ug/L	99
31) Carbon tetrachloride	5.518	117	232953	10.786	ug/L	97
33) Benzene	5.766	78	548432	9.495	ug/L	100
34) Trichloroethene	6.534	95	153909	9.627	ug/L	97
35) Methylcyclohexane	6.756	83	221217	9.469	ug/L	99
37) 1,2-Dichloropropane	6.782	63	135814	9.227	ug/L #	97
38) Bromodichloromethane	7.097	83	194776	10.135	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	213665	9.945	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	622781	90.246	ug/L	100
42) Toluene	7.962	91	601333	9.982	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	178227	9.988	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	93570	9.407	ug/L	97
47) Tetrachloroethene	8.547	164	111529	9.881	ug/L	98
48) 2-Hexanone	8.679	43	450892	91.309	ug/L	99
49) Dibromochloromethane	8.804	129	118995	10.164	ug/L	98
50) 1,2-Dibromoethane	8.917	107	90467	9.804	ug/L	94
51) Chlorobenzene	9.441	112	373025	9.702	ug/L	98
52) Ethylbenzene	9.563	91	682665	10.274	ug/L	96
53) m,p-Xylene	9.688	106	254143	10.250	ug/L	99
54) o-Xylene	10.094	106	241782	10.231	ug/L	97
55) Styrene	10.106	104	422412	10.878	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	112569	9.282	ug/L #	99
59) Bromoform	10.283	173	67947	9.428	ug/L	98
60) Isopropylbenzene	10.476	105	693732	9.970	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	78668	8.443	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	580354	10.197	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	586020	10.382	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	304701	9.245	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	302543	9.227	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	276895	9.185	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	18719	9.753	ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	233711	9.347	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	179979	9.108	ug/L	98
71) Naphthalene	14.081	128	243801	8.480	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	145664	8.735	ug/L	100

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

