

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022125\
 Data File : VU063272.D
 Acq On : 21 Feb 2025 13:15
 Operator : MD/SY
 Sample : VSTD00107
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001007

Quant Time: Feb 24 11:16:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022125WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Feb 24 11:14:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	190605	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	181679	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	79468	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	16593	1.38	ug/L	0.00
7) Chloroethane-d5	1.904	69	13548	1.26	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	6878	1.32	ug/L	0.00
20) 2-Butanone-d5	4.621	46	32620	9.17	ug/L	0.02
24) Chloroform-d	5.052	84	29552	1.18	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	14872	1.16	ug/L	0.00
32) Benzene-d6	5.717	84	57921	1.17	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	19275	1.19	ug/L	0.00
41) Toluene-d8	7.888	98	51124	1.16	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	6338	1.06	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	20787	7.26	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.743	84	15373	1.10	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	16009	1.16	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	18505	1.11	ug/L	96
3) Chloromethane	1.518	50	20933	1.13	ug/L	95
5) Vinyl chloride	1.599	62	20645	1.11	ug/L	98
6) Bromomethane	1.846	94	12154	1.26	ug/L	98
8) Chloroethane	1.923	64	12688	1.13	ug/L	99
9) Trichlorofluoromethane	2.129	101	24743	1.19	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	15337	1.20	ug/L	97
12) 1,1-Dichloroethene	2.570	96	14510	1.15	ug/L	98
13) Acetone	2.615	43	22132	9.80	ug/L	97
14) Carbon disulfide	2.782	76	47537	1.09	ug/L	99
15) Methyl Acetate	2.946	43	6063	1.00	ug/L	96
16) Methylene chloride	3.033	84	17228	1.14	ug/L	93
17) Methyl tert-butyl Ether	3.348	73	34726	1.01	ug/L #	90
18) trans-1,2-Dichloroethene	3.345	96	14935	1.11	ug/L	92
19) 1,1-Dichloroethane	3.856	63	29550	1.09	ug/L	99
21) 2-Butanone	4.698	43	33151	8.96	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	16611	1.10	ug/L	97
23) Bromochloromethane	4.965	128	7310	1.08	ug/L	97
25) Chloroform	5.074	83	29953	1.12	ug/L	95
27) 1,2-Dichloroethane	5.785	62	19632	1.12	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	24265	1.12	ug/L	98
30) Cyclohexane	5.373	56	22848	1.02	ug/L	99
31) Carbon tetrachloride	5.512	117	20919	1.15	ug/L	100
33) Benzene	5.762	78	67192	1.11	ug/L	100
34) Trichloroethene	6.534	95	16875	1.11	ug/L	97
35) Methylcyclohexane	6.750	83	23011	1.03	ug/L	96
37) 1,2-Dichloropropane	6.778	63	18147	1.13	ug/L	100
38) Bromodichloromethane	7.094	83	21424	1.11	ug/L	96
39) cis-1,3-Dichloropropene	7.598	75	22520	0.98	ug/L	95
40) 4-Methyl-2-pentanone	7.778	43	83874	9.03	ug/L	99
42) Toluene	7.962	91	65728	1.05	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	18874	0.99	ug/L	98

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45) 1,1,2-Trichloroethane	8.389	97	12679	1.08	ug/L	99
47) Tetrachloroethene	8.544	164	12614	1.18	ug/L	96
48) 2-Hexanone	8.676	43	54024	8.28	ug/L	99
49) Dibromochloromethane	8.798	129	13133	1.06	ug/L	98
50) 1,2-Dibromoethane	8.913	107	11011	1.02	ug/L #	100
51) Chlorobenzene	9.438	112	42260	1.11	ug/L	99
52) Ethylbenzene	9.563	91	66049	1.01	ug/L	99
53) m,p-Xylene	9.685	106	24635	1.04	ug/L	98
54) o-Xylene	10.090	106	22726	0.97	ug/L	96
55) Styrene	10.106	104	36016	0.94	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	15615	1.03	ug/L	91
59) Bromoform	10.280	173	7617	1.11	ug/L	96
60) Isopropylbenzene	10.473	105	61763	1.09	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	10667	1.11	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	44189	0.99	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	38632	0.91	ug/L	97
64) 1,3-Dichlorobenzene	11.736	146	28939	1.12	ug/L	97
65) 1,4-Dichlorobenzene	11.827	146	28852	1.11	ug/L	96
67) 1,2-Dichlorobenzene	12.203	146	27119	1.12	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	1819	0.95	ug/L #	79
69) 1,3,5-Trichlorobenzene	13.212	180	19612	1.12	ug/L	96
70) 1,2,4-trichlorobenzene	13.836	180	12566	0.93	ug/L	99
71) Naphthalene	14.090	128	14372	0.66	ug/L #	88
72) 1,2,3-Trichlorobenzene	14.325	180	10325	0.86	ug/L	95

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

