

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040325\
 Data File : VU063329.D
 Acq On : 03 Apr 2025 15:11
 Operator : MD/SY
 Sample : VSTD00113
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001013

Quant Time: Apr 04 09:12:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040325WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 04 09:10:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	177853	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	178766	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	75303	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	13056	1.06	ug/L	0.00
7) Chloroethane-d5	1.901	69	12509	1.06	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.554	65	5689	1.02	ug/L	0.00
20) 2-Butanone-d5	4.628	46	33796	9.66	ug/L	0.02
24) Chloroform-d	5.052	84	27751	1.03	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	14257	1.06	ug/L	0.00
32) Benzene-d6	5.721	84	53367	1.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	17534	1.01	ug/L	0.00
41) Toluene-d8	7.891	98	43808	0.95	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	5096	0.99	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	21765	8.28	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	15375	1.04	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	13915	1.04	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	18835	1.03	ug/L	98
3) Chloromethane	1.518	50	21459	1.04	ug/L	98
5) Vinyl chloride	1.599	62	21302	1.03	ug/L	96
6) Bromomethane	1.843	94	11454	1.05	ug/L	84
8) Chloroethane	1.924	64	12146	1.03	ug/L	95
9) Trichlorofluoromethane	2.129	101	23575	1.08	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	13770	1.05	ug/L	99
12) 1,1-Dichloroethene	2.570	96	12678	1.01	ug/L	90
13) Acetone	2.618	43	25287	10.72	ug/L	97
14) Carbon disulfide	2.782	76	46747	1.04	ug/L	99
15) Methyl Acetate	2.946	43	6686m	1.07	ug/L	
16) Methylene chloride	3.033	84	16896	1.06	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	31887	1.00	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	13789	1.03	ug/L	94
19) 1,1-Dichloroethane	3.856	63	28438	1.03	ug/L	99
21) 2-Butanone	4.705	43	35058	9.42	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	15237	1.01	ug/L	82
23) Bromochloromethane	4.968	128	7568	1.09	ug/L	80
25) Chloroform	5.078	83	28601	1.04	ug/L	99
27) 1,2-Dichloroethane	5.788	62	18118	1.03	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	22717	1.04	ug/L	99
30) Cyclohexane	5.374	56	21650	0.92	ug/L	99
31) Carbon tetrachloride	5.512	117	19044	1.01	ug/L	100
33) Benzene	5.763	78	59660	0.98	ug/L	100
34) Trichloroethene	6.534	95	15322	1.00	ug/L	95
35) Methylcyclohexane	6.753	83	19817	0.89	ug/L	95
37) 1,2-Dichloropropane	6.782	63	17192	1.02	ug/L #	94
38) Bromodichloromethane	7.097	83	21173	1.06	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	20968	0.95	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	85637	9.24	ug/L	96
42) Toluene	7.962	91	59934	0.95	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	18209	0.97	ug/L	96

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45) 1,1,2-Trichloroethane	8.393	97	11750	1.00	ug/L	97
47) Tetrachloroethene	8.544	164	11023	1.01	ug/L	96
48) 2-Hexanone	8.676	43	56510	8.66	ug/L	99
49) Dibromochloromethane	8.798	129	12616	1.00	ug/L	97
50) 1,2-Dibromoethane	8.917	107	10789	0.99	ug/L	96
51) Chlorobenzene	9.441	112	38818	1.00	ug/L	97
52) Ethylbenzene	9.563	91	58973	0.92	ug/L	98
53) m,p-Xylene	9.685	106	20580	0.88	ug/L	95
54) o-Xylene	10.090	106	19665	0.88	ug/L	90
55) Styrene	10.110	104	30798	0.83	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	15660	1.02	ug/L	94
59) Bromoform	10.283	173	7260	1.08	ug/L #	98
60) Isopropylbenzene	10.476	105	50806	0.97	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	10123	1.07	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	37554	0.92	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	32102	0.84	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	25734	1.03	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	24758	0.99	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	24373	1.02	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	2104	1.07	ug/L	83
69) 1,3,5-Trichlorobenzene	13.216	180	17465	1.03	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	11189	0.94	ug/L	98
71) Naphthalene	14.090	128	13700	0.78	ug/L #	96
72) 1,2,3-Trichlorobenzene	14.328	180	9551	0.90	ug/L	98

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

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