

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040325\
 Data File : VU063330.D
 Acq On : 03 Apr 2025 15:36
 Operator : MD/SY
 Sample : VSTD00514
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005014

Quant Time: Apr 04 09:12:37 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	190581	5.00 ug/L	0.00
28) Chlorobenzene-d5	9.409	117	188394	5.00 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	92805	5.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.592	65	64771	4.92 ug/L	0.00
7) Chloroethane-d5	1.901	69	64739	5.11 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.554	65	29449	4.94 ug/L	0.00
20) 2-Butanone-d5	4.608	46	195776	52.21 ug/L	0.00
24) Chloroform-d	5.049	84	147378	5.11 ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	74702	5.17 ug/L	0.00
32) Benzene-d6	5.714	84	288964	5.15 ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	92993	5.09 ug/L	0.00
41) Toluene-d8	7.888	98	257891	5.31 ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	28745	5.31 ug/L	0.00
46) 2-Hexanone-d5	8.621	63	145216	52.44 ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	78012	5.01 ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	80657	4.88 ug/L	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.380	85	96038	4.91 ug/L	100
3) Chloromethane	1.518	50	107064	4.85 ug/L	100
5) Vinyl chloride	1.599	62	108089	4.89 ug/L	100
6) Bromomethane	1.840	94	57137	4.89 ug/L	100
8) Chloroethane	1.920	64	61444	4.88 ug/L	100
9) Trichlorofluoromethane	2.126	101	114613	4.92 ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	69956	4.97 ug/L	100
12) 1,1-Dichloroethene	2.567	96	66510	4.93 ug/L	100
13) Acetone	2.615	43	123473	48.84 ug/L	100
14) Carbon disulfide	2.782	76	235678	4.90 ug/L	100
15) Methyl Acetate	2.940	43	32987	4.94 ug/L	100
16) Methylene chloride	3.033	84	80857	4.72 ug/L	100
17) Methyl tert-butyl Ether	3.351	73	166546	4.85 ug/L	100
18) trans-1,2-Dichloroethene	3.341	96	71334	4.95 ug/L	100
19) 1,1-Dichloroethane	3.856	63	144948	4.91 ug/L	100
21) 2-Butanone	4.689	43	210091	52.70 ug/L	100
22) cis-1,2-Dichloroethene	4.653	96	79404	4.93 ug/L	100
23) Bromochloromethane	4.962	128	36304	4.87 ug/L	100
25) Chloroform	5.071	83	143650	4.87 ug/L	100
27) 1,2-Dichloroethane	5.782	62	93809	4.99 ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	114929	4.98 ug/L	100
30) Cyclohexane	5.374	56	124522	5.01 ug/L	100
31) Carbon tetrachloride	5.512	117	98855	4.99 ug/L	100
33) Benzene	5.763	78	325800	5.10 ug/L	100
34) Trichloroethene	6.531	95	80482	4.98 ug/L	100
35) Methylcyclohexane	6.753	83	119200	5.06 ug/L	100
37) 1,2-Dichloropropane	6.779	63	88670	5.01 ug/L	100
38) Bromodichloromethane	7.094	83	102890	4.90 ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	116173	4.97 ug/L	100
40) 4-Methyl-2-pentanone	7.779	43	508929	52.08 ug/L	100
42) Toluene	7.959	91	345486	5.22 ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	100506	5.07 ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.389	97	63432	5.12	ug/L	100
47) Tetrachloroethene	8.544	164	57343	4.96	ug/L	100
48) 2-Hexanone	8.672	43	370757	53.92	ug/L	100
49) Dibromochloromethane	8.798	129	66100	4.99	ug/L	100
50) 1,2-Dibromoethane	8.914	107	58173	5.07	ug/L	100
51) Chlorobenzene	9.438	112	200859	4.89	ug/L	100
52) Ethylbenzene	9.560	91	342718	5.08	ug/L	100
53) m,p-Xylene	9.685	106	129275	5.25	ug/L	100
54) o-Xylene	10.090	106	121980	5.16	ug/L	100
55) Styrene	10.106	104	212568	5.40	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	81407	5.02	ug/L	100
59) Bromoform	10.280	173	39274	4.74	ug/L	100
60) Isopropylbenzene	10.473	105	323646	5.00	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	55905	4.82	ug/L	100
62) 1,3,5-Trimethylbenzene	11.077	105	250215	4.96	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	238623	5.07	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	150901	4.88	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	147214	4.78	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	141786	4.81	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	11322	4.66	ug/L	100
69) 1,3,5-Trichlorobenzene	13.209	180	97949	4.68	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	70036	4.76	ug/L	100
71) Naphthalene	14.081	128	101356	4.70	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	63891	4.86	ug/L	100

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

