

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U040425\
 Data File : U063339.D
 Acq On : 04 Apr 2025 12:26
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005139

Quant Time: Apr 07 09:50:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040325WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 07 09:46:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	187765	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	183784	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	91412	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	59729	4.60	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.00%	
7) Chloroethane-d5	1.901	69	58534	4.69	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.80%	
11) 1,1-Dichloroethene-d2	2.554	65	27722	4.72	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.40%	
20) 2-Butanone-d5	4.608	46	187333	49.97	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.94%	
24) Chloroform-d	5.049	84	141276	4.97	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.40%	
26) 1,2-Dichloroethane-d4	5.692	65	70089	4.92	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.40%	
32) Benzene-d6	5.714	84	278863	5.08	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.60%	
36) 1,2-Dichloropropane-d6	6.679	67	90174	5.06	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.20%	
41) Toluene-d8	7.888	98	242236	5.11	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.20%	
43) trans-1,3-Dichloroprop...	8.174	79	27287	5.17	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	103.40%	
46) 2-Hexanone-d5	8.621	63	137518	51.18	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.36%	
56) 1,1,2,2-Tetrachloroeth...	10.743	84	76237	5.02	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.40%	
66) 1,2-Dichlorobenzene-d4	12.184	152	80354	4.93	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.60%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	93163	4.84	ug/L	100
3) Chloromethane	1.518	50	105081	4.84	ug/L	99
5) Vinyl chloride	1.599	62	104679	4.81	ug/L	98
6) Bromomethane	1.843	94	56628	4.92	ug/L	94
8) Chloroethane	1.920	64	60797	4.90	ug/L	99
9) Trichlorofluoromethane	2.126	101	112246	4.89	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	68229	4.92	ug/L	100
12) 1,1-Dichloroethene	2.567	96	65622	4.94	ug/L	96
13) Acetone	2.615	43	120629	48.43	ug/L	100
14) Carbon disulfide	2.782	76	231738	4.89	ug/L	99
15) Methyl Acetate	2.943	43	31767	4.75	ug/L	100
16) Methylene chloride	3.033	84	80244	4.76	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	167956	4.97	ug/L	100
18) trans-1,2-Dichloroethene	3.342	96	70355	4.95	ug/L	99
19) 1,1-Dichloroethane	3.856	63	144731	4.97	ug/L	100
21) 2-Butanone	4.689	43	203062	51.70	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	77771	4.90	ug/L	99
23) Bromochloromethane	4.962	128	35234	4.80	ug/L	96
25) Chloroform	5.075	83	144637	4.98	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	91191	4.92	ug/L	# 95
29) 1,1,1-Trichloroethane	5.303	97	114471	5.08	ug/L	100
30) Cyclohexane	5.377	56	123036	5.08	ug/L	99
31) Carbon tetrachloride	5.512	117	96330	4.99	ug/L	99
33) Benzene	5.763	78	323113	5.18	ug/L	100
34) Trichloroethene	6.531	95	80203	5.09	ug/L	98
35) Methylcyclohexane	6.753	83	116444	5.07	ug/L	98
37) 1,2-Dichloropropane	6.779	63	88069	5.10	ug/L	99
38) Bromodichloromethane	7.094	83	102958	5.02	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	119752	5.25	ug/L	99
40) 4-Methyl-2-pentanone	7.779	43	497288	52.16	ug/L	99
42) Toluene	7.959	91	339408	5.26	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	98262	5.08	ug/L	100
45) 1,1,2-Trichloroethane	8.390	97	62978	5.21	ug/L	96
47) Tetrachloroethene	8.544	164	58218	5.16	ug/L	97
48) 2-Hexanone	8.672	43	352239	52.51	ug/L	97
49) Dibromochloromethane	8.798	129	64182	4.97	ug/L	96
50) 1,2-Dibromoethane	8.914	107	56928	5.08	ug/L	97
51) Chlorobenzene	9.438	112	201231	5.03	ug/L	100
52) Ethylbenzene	9.560	91	336694	5.12	ug/L	98
53) m,p-Xylene	9.685	106	128147	5.33	ug/L	100
54) o-Xylene	10.090	106	122607	5.32	ug/L	98
55) Styrene	10.107	104	208502	5.42	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	78915	4.99	ug/L	98
59) Bromoform	10.280	173	37048	4.54	ug/L	99
60) Isopropylbenzene	10.473	105	322944	5.06	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	53793	4.70	ug/L	97
62) 1,3,5-Trimethylbenzene	11.078	105	247527	4.98	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	237599	5.12	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	149778	4.92	ug/L	97
65) 1,4-Dichlorobenzene	11.827	146	149867	4.94	ug/L	96
67) 1,2-Dichlorobenzene	12.203	146	140391	4.84	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	10899	4.56	ug/L	93
69) 1,3,5-Trichlorobenzene	13.209	180	98406	4.77	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	66695	4.60	ug/L	97
71) Naphthalene	14.081	128	96328	4.53	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	60249	4.65	ug/L	99

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

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