

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
 Data File : VX044600.D
 Acq On : 07 Jan 2025 11:37
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/08/2025
 Supervised By : Mahesh Dadoda 01/08/2025

Quant Time: Jan 08 02:31:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 08 02:18:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	182288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	310906	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	267228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	128628	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	298512	101.563	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 203.120%#	
35) Dibromofluoromethane	5.379	113	216660	101.626	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 203.260%#	
50) Toluene-d8	8.647	98	736918	101.194	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 202.380%#	
62) 4-Bromofluorobenzene	11.079	95	268349	104.402	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 208.800%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	281621	106.773	ug/l	97
3) Chloromethane	1.294	50	256122	97.445	ug/l	99
4) Vinyl Chloride	1.374	62	253719	102.900	ug/l	100
5) Bromomethane	1.599	94	134602	105.387	ug/l	100
6) Chloroethane	1.666	64	140929	107.665	ug/l	100
7) Trichlorofluoromethane	1.874	101	398258	108.476	ug/l	96
8) Diethyl Ether	2.130	74	137508	105.999	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.319	101	217440	103.297	ug/l	100
10) Methyl Iodide	2.447	142	288793	98.385	ug/l	99
11) Tert butyl alcohol	2.995	59	186586	515.545	ug/l	100
12) 1,1-Dichloroethene	2.313	96	206051	101.042	ug/l	97
13) Acrolein	2.233	56	258524	540.255	ug/l	99
14) Allyl chloride	2.660	41	371559	109.554	ug/l	99
15) Acrylonitrile	3.062	53	537482	515.650	ug/l	99
16) Acetone	2.380	43	479188	517.276	ug/l	100
17) Carbon Disulfide	2.508	76	494332	117.230	ug/l	100
18) Methyl Acetate	2.703	43	282139	103.188	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	733689	104.984	ug/l	100
20) Methylene Chloride	2.782	84	229290	97.019	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	214461	102.468	ug/l	95
22) Diisopropyl ether	3.757	45	736946	105.701	ug/l	95
23) Vinyl Acetate	3.715	43	3263158	578.791	ug/l	100
24) 1,1-Dichloroethane	3.605	63	421306	103.707	ug/l	99
25) 2-Butanone	4.556	43	727090	543.775	ug/l	98
26) 2,2-Dichloropropane	4.471	77	373500	106.339	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	259280	101.596	ug/l	99
28) Bromochloromethane	4.891	49	192580	101.838	ug/l	96
29) Tetrahydrofuran	5.001	42	477636	521.636	ug/l	98
30) Chloroform	5.086	83	441057	100.708	ug/l	99
31) Cyclohexane	5.458	56	343501	102.984	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	395161	107.215	ug/l	100
36) 1,1-Dichloropropene	5.684	75	288443	104.631	ug/l	100
37) Ethyl Acetate	4.708	43	305727	108.495	ug/l	99
38) Carbon Tetrachloride	5.672	117	332090	108.573	ug/l	97
39) Methylcyclohexane	7.373	83	368363	104.721	ug/l	99
40) Benzene	6.031	78	870111	100.244	ug/l	100

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41) Methacrylonitrile	4.922	41	172379	113.877	ug/l	97
42) 1,2-Dichloroethane	6.080	62	358563	105.631	ug/l	100
43) Isopropyl Acetate	6.336	43	511813	110.008	ug/l	99
44) Trichloroethene	7.123	130	219638	98.990	ug/l	99
45) 1,2-Dichloropropane	7.421	63	219320	103.636	ug/l	100
46) Dibromomethane	7.574	93	166973	101.452	ug/l	99
47) Bromodichloromethane	7.818	83	329340	109.962	ug/l	99
48) Methyl methacrylate	7.690	41	251364	113.277	ug/l	98
49) 1,4-Dioxane	7.665	88	66197	2030.048	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1483866	545.612	ug/l	100
52) Toluene	8.714	92	537927	102.712	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	334122	116.711	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	357294	111.049	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	202789	98.770	ug/l	98
56) Ethyl methacrylate	9.116	69	336196	112.594	ug/l	99
57) 1,3-Dichloropropane	9.305	76	351820	102.044	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	820346	554.192	ug/l	99
59) 2-Hexanone	9.427	43	1082252	562.682	ug/l	99
60) Dibromochloromethane	9.519	129	230891	112.783	ug/l	99
61) 1,2-Dibromoethane	9.604	107	213851	103.131	ug/l	98
64) Tetrachloroethene	9.269	164	180662	95.619	ug/l	97
65) Chlorobenzene	10.073	112	567868	100.126	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	202443	107.471	ug/l	99
67) Ethyl Benzene	10.189	91	1012626	103.973	ug/l	98
68) m/p-Xylenes	10.299	106	759829	212.310	ug/l	98
69) o-Xylene	10.640	106	370442	102.549	ug/l	99
70) Styrene	10.653	104	631408	109.281	ug/l	100
71) Bromoform	10.799	173	144682	100.045	ug/l #	99
73) Isopropylbenzene	10.957	105	962130	100.962	ug/l	100
74) N-amyl acetate	10.842	43	448832	116.075	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	300014	97.671	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	256224m	99.370	ug/l	
77) Bromobenzene	11.195	156	229880	99.301	ug/l	99
78) n-propylbenzene	11.305	91	1123872	104.704	ug/l	99
79) 2-Chlorotoluene	11.360	91	676433	97.250	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	812896	102.880	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	96267	113.646	ug/l	98
82) 4-Chlorotoluene	11.451	91	788178	100.727	ug/l	99
83) tert-Butylbenzene	11.713	119	802790	102.037	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	810865	102.161	ug/l	100
85) sec-Butylbenzene	11.890	105	988328	103.145	ug/l	100
86) p-Isopropyltoluene	12.006	119	848479	105.534	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	419032	100.060	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	421191	96.532	ug/l	99
89) n-Butylbenzene	12.329	91	765855	112.811	ug/l	99
90) Hexachloroethane	12.536	117	143461	111.076	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	414572	97.964	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	66164	113.620	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	263479	105.934	ug/l	100
94) Hexachlorobutadiene	13.725	225	105982	102.333	ug/l	99
95) Naphthalene	13.774	128	884039	110.159	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	262997	103.439	ug/l	100

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

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