

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042525\
 Data File : VX045942.D
 Acq On : 25 Apr 2025 15:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 25 23:02:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/28/2025
 Supervised By : Semsettin Yesilyurt 04/28/2025

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	87741	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	149428	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129063	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	78848	49.140	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.280%		
35) Dibromofluoromethane	5.373	113	55131	52.001	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.000%		
50) Toluene-d8	8.641	98	182880	49.420	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.840%		
62) 4-Bromofluorobenzene	11.079	95	72616	53.873	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	107.740%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	64462	49.126	ug/l	100
3) Chloromethane	1.307	50	64191	47.618	ug/l	97
4) Vinyl Chloride	1.374	62	59758	48.439	ug/l	99
5) Bromomethane	1.593	94	28006	47.878	ug/l	100
6) Chloroethane	1.672	64	33804	51.646	ug/l	99
7) Trichlorofluoromethane	1.880	101	97740	53.130	ug/l	98
8) Diethyl Ether	2.130	74	31884	51.624	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	59715	55.395	ug/l	97
10) Methyl Iodide	2.441	142	71631	53.274	ug/l	98
11) Tert butyl alcohol	2.965	59	56178	260.518	ug/l	100
12) 1,1-Dichloroethene	2.313	96	53227	50.532	ug/l	97
13) Acrolein	2.233	56	72620	244.552	ug/l	99
14) Allyl chloride	2.654	41	108909	54.493	ug/l	100
15) Acrylonitrile	3.056	53	178057	261.581	ug/l	99
16) Acetone	2.380	43	166263	252.344	ug/l	99
17) Carbon Disulfide	2.502	76	121033	46.523	ug/l	98
18) Methyl Acetate	2.697	43	92049	60.679	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	198275	53.810	ug/l	98
20) Methylene Chloride	2.782	84	62980	51.058	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	54961	51.074	ug/l	98
22) Diisopropyl ether	3.751	45	214380	54.454	ug/l #	87
23) Vinyl Acetate	3.715	43	928124	272.862	ug/l	100
24) 1,1-Dichloroethane	3.599	63	116265	52.220	ug/l	99
25) 2-Butanone	4.544	43	254715	264.101	ug/l	99
26) 2,2-Dichloropropane	4.465	77	90299	62.773	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	67709	51.645	ug/l	97
28) Bromochloromethane	4.885	49	51596	47.955	ug/l	97
29) Tetrahydrofuran	4.995	42	161093	257.629	ug/l	99
30) Chloroform	5.080	83	120755	52.709	ug/l	99
31) Cyclohexane	5.458	56	100997	51.312	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	104165	53.734	ug/l	99
36) 1,1-Dichloropropene	5.678	75	78078	54.544	ug/l	99
37) Ethyl Acetate	4.709	43	96951	53.744	ug/l	100
38) Carbon Tetrachloride	5.666	117	90733	58.648	ug/l	100
39) Methylcyclohexane	7.373	83	100702	57.390	ug/l	99
40) Benzene	6.025	78	233315	53.367	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	56528	59.390	ug/l	98
42) 1,2-Dichloroethane	6.074	62	99449	55.075	ug/l	100
43) Isopropyl Acetate	6.330	43	152416	55.746	ug/l	100
44) Trichloroethene	7.117	130	56237	54.120	ug/l	99
45) 1,2-Dichloropropane	7.421	63	59916	54.928	ug/l	98
46) Dibromomethane	7.574	93	46231	55.210	ug/l	98
47) Bromodichloromethane	7.812	83	93918	56.162	ug/l	97
48) Methyl methacrylate	7.690	41	80556	57.064	ug/l	99
49) 1,4-Dioxane	7.653	88	26787	1048.783	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	508296	280.439	ug/l	99
52) Toluene	8.714	92	142178	53.745	ug/l	100
53) t-1,3-Dichloropropene	8.970	75	84610	52.494	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	92730	59.009	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	56835	53.915	ug/l	95
56) Ethyl methacrylate	9.110	69	93636	57.395	ug/l	99
57) 1,3-Dichloropropane	9.305	76	101413	55.245	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.232	63	214738	260.194	ug/l	99
59) 2-Hexanone	9.427	43	374574	279.073	ug/l	100
60) Dibromochloromethane	9.519	129	66102	57.518	ug/l	98
61) 1,2-Dibromoethane	9.604	107	59059	55.344	ug/l	100
64) Tetrachloroethene	9.269	164	50168	55.056	ug/l	95
65) Chlorobenzene	10.073	112	153293	55.584	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	53618	55.999	ug/l	99
67) Ethyl Benzene	10.189	91	280532	56.795	ug/l	100
68) m/p-Xylenes	10.299	106	205033	114.130	ug/l	99
69) o-Xylene	10.634	106	100603	56.847	ug/l	100
70) Styrene	10.653	104	170033	58.213	ug/l	99
71) Bromoform	10.793	173	42672	59.688	ug/l #	99
73) Isopropylbenzene	10.957	105	272308	54.266	ug/l	99
74) N-amyl acetate	10.842	43	134490	56.029	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	90073	51.098	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	79804m	52.225	ug/l	
77) Bromobenzene	11.195	156	60083	51.821	ug/l	99
78) n-propylbenzene	11.299	91	321029	55.542	ug/l	99
79) 2-Chlorotoluene	11.360	91	194546	52.650	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	227997	54.946	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	24830	55.147	ug/l	99
82) 4-Chlorotoluene	11.451	91	226319	54.934	ug/l	100
83) tert-Butylbenzene	11.713	119	225779	54.959	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	229861	55.192	ug/l	99
85) sec-Butylbenzene	11.890	105	286672	56.815	ug/l	100
86) p-Isopropyltoluene	12.006	119	238943	57.440	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	112366	53.241	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	114588	53.555	ug/l	99
89) n-Butylbenzene	12.329	91	219904	60.961	ug/l	99
90) Hexachloroethane	12.536	117	41765	58.420	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	111915	53.336	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20720	56.204	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	66715	57.120	ug/l	99
94) Hexachlorobutadiene	13.725	225	28931	57.483	ug/l	98
95) Naphthalene	13.774	128	235941	54.283	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	67064	54.835	ug/l	99

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

