

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
 Data File : VX046011.D
 Acq On : 30 Apr 2025 20:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 01 03:40:13 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 05/02/2025
 Supervised By : Semsettin Yesilyurt 05/05/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	74809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	137335	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76043	55.584	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.160%			
35) Dibromofluoromethane	5.385	113	53200	54.598	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.200%			
50) Toluene-d8	8.647	98	176843	51.997	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.000%			
62) 4-Bromofluorobenzene	11.079	95	72344	58.398	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 116.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	54145	48.397	ug/l	98
3) Chloromethane	1.307	50	57548	50.070	ug/l	98
4) Vinyl Chloride	1.374	62	53566	50.926	ug/l	97
5) Bromomethane	1.593	94	24271	48.665	ug/l	99
6) Chloroethane	1.666	64	30041	53.831	ug/l	97
7) Trichlorofluoromethane	1.874	101	84203	53.684	ug/l	100
8) Diethyl Ether	2.136	74	29103	55.267	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	49946	54.342	ug/l	98
10) Methyl Iodide	2.441	142	64319	56.105	ug/l	97
11) Tert butyl alcohol	2.983	59	64161	348.973	ug/l	100
12) 1,1-Dichloroethene	2.306	96	48243	53.718	ug/l	98
13) Acrolein	2.239	56	64650	255.348	ug/l	98
14) Allyl chloride	2.654	41	96290	56.508	ug/l	98
15) Acrylonitrile	3.068	53	174084	299.954	ug/l	100
16) Acetone	2.386	43	171518	305.320	ug/l	99
17) Carbon Disulfide	2.502	76	95784	43.183	ug/l	99
18) Methyl Acetate	2.703	43	100972	78.068	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	191643	61.001	ug/l	99
20) Methylene Chloride	2.782	84	59410	56.490	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	48787	53.173	ug/l	98
22) Diisopropyl ether	3.764	45	200445	59.716	ug/l	99
23) Vinyl Acetate	3.721	43	856416	295.305	ug/l	100
24) 1,1-Dichloroethane	3.605	63	108125	56.959	ug/l	100
25) 2-Butanone	4.556	43	256466	311.885	ug/l	98
26) 2,2-Dichloropropane	4.465	77	55585	45.321	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	62736	56.123	ug/l	99
28) Bromochloromethane	4.891	49	46474	50.661	ug/l	98
29) Tetrahydrofuran	5.007	42	162715	305.207	ug/l	99
30) Chloroform	5.093	83	113248	57.978	ug/l	94
31) Cyclohexane	5.458	56	89517	53.341	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	96680	58.494	ug/l	98
36) 1,1-Dichloropropene	5.684	75	69970	53.184	ug/l	99
37) Ethyl Acetate	4.715	43	93009	56.099	ug/l	99
38) Carbon Tetrachloride	5.672	117	79968	56.241	ug/l	97
39) Methylcyclohexane	7.373	83	84254	52.244	ug/l	98
40) Benzene	6.031	78	216855	53.970	ug/l	98

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41) Methacrylonitrile	4.922	41	53281	60.907	ug/l	100
42) 1,2-Dichloroethane	6.080	62	94345	56.849	ug/l	100
43) Isopropyl Acetate	6.336	43	151720	60.377	ug/l	100
44) Trichloroethene	7.123	130	51089	53.495	ug/l	94
45) 1,2-Dichloropropane	7.427	63	57096	56.951	ug/l	95
46) Dibromomethane	7.580	93	42947	55.805	ug/l	97
47) Bromodichloromethane	7.818	83	87331	56.822	ug/l	98
48) Methyl methacrylate	7.690	41	80552	62.086	ug/l	98
49) 1,4-Dioxane	7.659	88	29281	1247.379	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	519931	312.117	ug/l	99
52) Toluene	8.714	92	135705	55.815	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	75263	50.881	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	82519	57.135	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	56394	58.207	ug/l	98
56) Ethyl methacrylate	9.116	69	96123	64.107	ug/l	98
57) 1,3-Dichloropropane	9.305	76	97528	57.807	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	216812	285.839	ug/l	99
59) 2-Hexanone	9.427	43	390890	316.874	ug/l	100
60) Dibromochloromethane	9.519	129	62726	59.387	ug/l	98
61) 1,2-Dibromoethane	9.610	107	56459	57.566	ug/l	99
64) Tetrachloroethene	9.269	164	45270	52.969	ug/l	97
65) Chlorobenzene	10.079	112	147618	57.069	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	51975	57.876	ug/l	98
67) Ethyl Benzene	10.189	91	265577	57.326	ug/l	100
68) m/p-Xylenes	10.299	106	192730	114.382	ug/l	99
69) o-Xylene	10.640	106	98034	59.062	ug/l	99
70) Styrene	10.653	104	165794	60.518	ug/l	99
71) Bromoform	10.799	173	39478	58.875	ug/l #	97
73) Isopropylbenzene	10.957	105	261104	55.203	ug/l	99
74) N-amyl acetate	10.841	43	134656	59.515	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	90077	54.213	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	79221m	55.001	ug/l	
77) Bromobenzene	11.195	156	59282	54.245	ug/l	99
78) n-propylbenzene	11.299	91	303699	55.745	ug/l	100
79) 2-Chlorotoluene	11.360	91	188887	54.233	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	219026	56.000	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	21731	51.205	ug/l	98
82) 4-Chlorotoluene	11.451	91	215278	55.437	ug/l	100
83) tert-Butylbenzene	11.713	119	217296	56.117	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	224028	57.068	ug/l	98
85) sec-Butylbenzene	11.890	105	271924	57.175	ug/l	100
86) p-Isopropyltoluene	12.006	119	221881	56.588	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	107631	54.104	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	106715	52.914	ug/l	97
89) n-Butylbenzene	12.329	91	193452	56.895	ug/l	99
90) Hexachloroethane	12.536	117	39380	58.439	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	108232	54.723	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21023	60.500	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	62543	56.810	ug/l	99
94) Hexachlorobutadiene	13.725	225	25964	54.730	ug/l	99
95) Naphthalene	13.774	128	243494	59.434	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	64855	56.259	ug/l	99

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

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