Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050825\
Data File : VX046100.D
Acq On : 08 May 2025 18:46
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 09 01:59:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	90039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	158698	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	137076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81456	48.526	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 97.060%			
35) Dibromofluoromethane	5.379	113	55614	48.665	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.320%			
50) Toluene-d8	8.647	98	192501	48.668	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.340%			
62) 4-Bromofluorobenzene	11.079	95	73670	48.556	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	74341	53.944	ug/l	100
3) Chloromethane	1.307	50	68560	51.301	ug/l	96
4) Vinyl Chloride	1.374	62	62758	50.457	ug/l	98
5) Bromomethane	1.593	94	27111	46.995	ug/l	98
6) Chloroethane	1.666	64	33953	51.135	ug/l	94
7) Trichlorofluoromethane	1.873	101	94604	51.465	ug/l	100
8) Diethyl Ether	2.130	74	31351	50.101	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	57674	50.699	ug/l	99
10) Methyl Iodide	2.440	142	72888	54.149	ug/l	99
11) Tert butyl alcohol	2.977	59	63473	269.379	ug/l	99
12) 1,1-Dichloroethene	2.306	96	53022	49.663	ug/l	98
13) Acrolein	2.239	56	82589	307.775	ug/l	100
14) Allyl chloride	2.654	41	105974	51.936	ug/l	98
15) Acrylonitrile	3.062	53	179590	266.549	ug/l	99
16) Acetone	2.386	43	175020	260.042	ug/l	99
17) Carbon Disulfide	2.501	76	135805	53.653	ug/l	99
18) Methyl Acetate	2.703	43	86369	55.300	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	196589	52.521	ug/l	99
20) Methylene Chloride	2.782	84	61933	48.019	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	53687	50.003	ug/l	94
22) Diisopropyl ether	3.763	45	208277	52.843	ug/l	92
23) Vinyl Acetate	3.721	43	931721	268.769	ug/l	100
24) 1,1-Dichloroethane	3.605	63	114758	52.275	ug/l	99
25) 2-Butanone	4.556	43	261893	268.026	ug/l	99
26) 2,2-Dichloropropane	4.471	77	69517	40.458	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	66703	51.607	ug/l	96
28) Bromochloromethane	4.891	49	52572	49.751	ug/l	98
29) Tetrahydrofuran	5.001	42	165543	270.368	ug/l	99
30) Chloroform	5.086	83	118685	51.869	ug/l	99
31) Cyclohexane	5.458	56	100717	50.347	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	103512	52.187	ug/l	98
36) 1,1-Dichloropropene	5.684	75	75619	49.249	ug/l	98
37) Ethyl Acetate	4.714	43	97419	51.353	ug/l	100
38) Carbon Tetrachloride	5.672	117	88790	51.466	ug/l	97
39) Methylcyclohexane	7.379	83	96361	48.747	ug/l	98
40) Benzene	6.031	78	230602	51.273	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	55534	55.961	ug/l		98
42) 1,2-Dichloroethane	6.080	62	99228	51.120	ug/l		100
43) Isopropyl Acetate	6.342	43	156399	54.041	ug/l		99
44) Trichloroethene	7.123	130	54530	50.376	ug/l		98
45) 1,2-Dichloropropane	7.427	63	59216	52.950	ug/l		99
46) Dibromomethane	7.574	93	45589	51.686	ug/l		98
47) Bromodichloromethane	7.818	83	92853	53.449	ug/l		98
48) Methyl methacrylate	7.689	41	82409	55.756	ug/l		99
49) 1,4-Dioxane	7.659	88	31325	1116.209	ug/l		98
51) 4-Methyl-2-Pentanone	8.573	43	522471	271.972	ug/l		99
52) Toluene	8.714	92	140581	50.976	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	80387	52.059	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	88964	52.127	ug/l		97
55) 1,1,2-Trichloroethane	9.153	97	55968	51.469	ug/l		98
56) Ethyl methacrylate	9.116	69	96903	55.913	ug/l		99
57) 1,3-Dichloropropane	9.305	76	98930	50.658	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	233750	264.555	ug/l		100
59) 2-Hexanone	9.427	43	393840	277.107	ug/l		100
60) Dibromochloromethane	9.518	129	64916	54.358	ug/l		98
61) 1,2-Dibromoethane	9.610	107	59495	52.641	ug/l		99
64) Tetrachloroethene	9.268	164	48558	50.066	ug/l		98
65) Chlorobenzene	10.073	112	149645	49.877	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	52783	51.521	ug/l		99
67) Ethyl Benzene	10.189	91	276173	52.220	ug/l		100
68) m/p-Xylenes	10.299	106	200363	103.585	ug/l		98
69) o-Xylene	10.640	106	99641	52.839	ug/l		98
70) Styrene	10.652	104	167552	54.240	ug/l		99
71) Bromoform	10.799	173	42429	55.162	ug/l	#	97
73) Isopropylbenzene	10.957	105	264733	51.086	ug/l		100
74) N-amyl acetate	10.841	43	138217	53.976	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	90125	49.628	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	78610m	49.064	ug/l		
77) Bromobenzene	11.195	156	59559	49.505	ug/l		99
78) n-propylbenzene	11.305	91	309136	51.305	ug/l		100
79) 2-Chlorotoluene	11.360	91	190049	48.900	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	220577	50.950	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	23359	47.466	ug/l		99
82) 4-Chlorotoluene	11.451	91	219982	51.040	ug/l		100
83) tert-Butylbenzene	11.713	119	220925	50.661	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	223626	51.007	ug/l		99
85) sec-Butylbenzene	11.890	105	273948	51.163	ug/l		100
86) p-Isopropyltoluene	12.006	119	227600	51.497	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	109705	49.964	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	108913	48.570	ug/l		99
89) n-Butylbenzene	12.329	91	198814	51.283	ug/l		100
90) Hexachloroethane	12.536	117	40761	52.349	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	110746	50.262	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22030	54.760	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	63121	49.878	ug/l		98
94) Hexachlorobutadiene	13.725	225	26797	48.483	ug/l		98
95) Naphthalene	13.774	128	236240	50.897	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	65100	49.854	ug/l		99

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

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