Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
Data File : VX047266.D
Acq On : 08 Aug 2025 13:16
Operator : JC/MD
Sample : VX0808WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0808WBS01

Quant Time: Aug 11 01:57:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	241260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	404774	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	361083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	185608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156360	52.027	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.060%			
35) Dibromofluoromethane	5.391	113	141138	56.473	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.940%			
50) Toluene-d8	8.647	98	405342	50.082	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.160%			
62) 4-Bromofluorobenzene	11.079	95	196155	56.239	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	66040	20.608	ug/l	97
3) Chloromethane	1.307	50	56800	17.919	ug/l	96
4) Vinyl Chloride	1.392	62	69796	20.483	ug/l	99
5) Bromomethane	1.630	94	32674	17.652	ug/l	97
6) Chloroethane	1.709	64	40033	17.888	ug/l	91
7) Trichlorofluoromethane	1.904	101	101163	19.910	ug/l	97
8) Diethyl Ether	2.142	74	33085	18.468	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	59986	19.596	ug/l	99
10) Methyl Iodide	2.471	142	83282	26.694	ug/l	99
11) Tert butyl alcohol	2.953	59	31061	81.478	ug/l	98
12) 1,1-Dichloroethene	2.337	96	57825	19.072	ug/l	91
13) Acrolein	2.246	56	31146	48.131	ug/l	97
14) Allyl chloride	2.678	41	93066	16.981	ug/l	90
15) Acrylonitrile	3.075	53	133573	93.191	ug/l	99
16) Acetone	2.386	43	144866	120.326	ug/l	97
17) Carbon Disulfide	2.526	76	170360	19.422	ug/l	100
18) Methyl Acetate	2.715	43	62713	19.601	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	177088	19.191	ug/l	98
20) Methylene Chloride	2.800	84	62812	18.964	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	60500	19.500	ug/l	95
22) Diisopropyl ether	3.764	45	204623	19.419	ug/l	93
23) Vinyl Acetate	3.727	43	819126	96.921	ug/l	99
24) 1,1-Dichloroethane	3.617	63	114209	19.491	ug/l	100
25) 2-Butanone	4.562	43	174560	99.575	ug/l	100
26) 2,2-Dichloropropane	4.489	77	89333	19.695	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	71762	19.532	ug/l	98
28) Bromochloromethane	4.910	49	54424	20.189	ug/l	99
29) Tetrahydrofuran	5.019	42	102216	90.369	ug/l	97
30) Chloroform	5.099	83	115309	19.333	ug/l	99
31) Cyclohexane	5.483	56	107883	19.202	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	101419	19.577	ug/l	99
36) 1,1-Dichloropropene	5.702	75	83172	19.523	ug/l	99
37) Ethyl Acetate	4.721	43	72285	18.414	ug/l	100
38) Carbon Tetrachloride	5.690	117	85869	18.885	ug/l	99
39) Methylcyclohexane	7.385	83	105125	19.764	ug/l	97
40) Benzene	6.044	78	243217	19.728	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.940	41	35453	17.273	ug/l		91
42) 1,2-Dichloroethane	6.092	62	85939	19.788	ug/l		99
43) Isopropyl Acetate	6.342	43	118895	19.428	ug/l		100
44) Trichloroethene	7.129	130	60755	19.217	ug/l		99
45) 1,2-Dichloropropane	7.434	63	61067	19.777	ug/l		95
46) Dibromomethane	7.580	93	43874	20.262	ug/l		100
47) Bromodichloromethane	7.824	83	90575	19.652	ug/l		98
48) Methyl methacrylate	7.696	41	61047	18.311	ug/l		99
49) 1,4-Dioxane	7.720	88	14216	374.914	ug/l		96
51) 4-Methyl-2-Pentanone	8.574	43	353871	97.284	ug/l		98
52) Toluene	8.720	92	150660	19.874	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	83671	19.224	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	93016	19.527	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	56552	19.892	ug/l		99
56) Ethyl methacrylate	9.116	69	83333	19.800	ug/l		99
57) 1,3-Dichloropropane	9.305	76	97248	19.682	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	221841	94.721	ug/l		99
59) 2-Hexanone	9.433	43	252943	105.251	ug/l		99
60) Dibromochloromethane	9.519	129	68601	20.574	ug/l		97
61) 1,2-Dibromoethane	9.610	107	57921	19.484	ug/l		98
64) Tetrachloroethene	9.275	164	49999	19.208	ug/l		95
65) Chlorobenzene	10.080	112	165320	19.544	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	56880	19.972	ug/l		98
67) Ethyl Benzene	10.189	91	292435	19.772	ug/l		99
68) m/p-Xylenes	10.299	106	220170	39.779	ug/l		99
69) o-Xylene	10.640	106	104810	19.906	ug/l		99
70) Styrene	10.653	104	180871	20.033	ug/l		99
71) Bromoform	10.799	173	43499	20.107	ug/l	#	98
73) Isopropylbenzene	10.957	105	282402	19.285	ug/l		100
74) N-amyl acetate	10.842	43	106593	18.041	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	80104	19.151	ug/l		97
76) 1,2,3-Trichloropropane	11.238	75	63967m	18.619	ug/l		
77) Bromobenzene	11.195	156	66570	18.954	ug/l		99
78) n-propylbenzene	11.299	91	337395	19.281	ug/l		99
79) 2-Chlorotoluene	11.360	91	199298	19.053	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	231516	19.137	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	15884	11.912	ug/l		96
82) 4-Chlorotoluene	11.451	91	234556	19.211	ug/l		98
83) tert-Butylbenzene	11.713	119	236508	19.478	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	233519	19.353	ug/l		99
85) sec-Butylbenzene	11.890	105	298099	19.649	ug/l		100
86) p-Isopropyltoluene	12.006	119	247888	19.703	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	129734	19.440	ug/l		99
88) 1,4-Dichlorobenzene	12.037	146	131029	19.379	ug/l		98
89) n-Butylbenzene	12.329	91	232022	19.665	ug/l		98
90) Hexachloroethane	12.536	117	43042	19.124	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	123211	19.317	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15786	19.661	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	81422	19.321	ug/l		99
94) Hexachlorobutadiene	13.719	225	30706	21.425	ug/l		98
95) Naphthalene	13.774	128	236650	19.156	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	77855	19.177	ug/l		99

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

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

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