Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102825\
Data File : VX048386.D
Acq On : 28 Oct 2025 10:24
Operator : JC/MD
Sample : VX1028WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 29 01:14:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	147070	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	253190	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	227600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	111495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	118468	57.452	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.900%			
35) Dibromofluoromethane	5.361	113	74082	42.859	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 85.720%			
50) Toluene-d8	8.628	98	323768	53.439	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.880%			
62) 4-Bromofluorobenzene	11.061	95	120928	52.466	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.940%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	25550	16.899	ug/l	95
3) Chloromethane	1.300	50	13753	9.745	ug/l	99
4) Vinyl Chloride	1.380	62	34848	26.667	ug/l	100
5) Bromomethane	1.617	94	13338	15.040	ug/l	94
6) Chloroethane	1.697	64	21711	28.273	ug/l	97
7) Trichlorofluoromethane	1.898	101	57995	23.140	ug/l	98
8) Diethyl Ether	2.130	74	21822	30.944	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	32922	20.744	ug/l	98
10) Methyl Iodide	2.453	142	119043	59.666	ug/l	100
11) Tert butyl alcohol	2.928	59	16082	78.551	ug/l	100
12) 1,1-Dichloroethene	2.325	96	31530	20.420	ug/l	97
13) Acrolein	2.233	56	24036	115.112	ug/l	97
14) Allyl chloride	2.666	41	55786	21.762	ug/l	99
15) Acrylonitrile	3.050	53	77405	104.850	ug/l	99
16) Acetone	2.367	43	50560	71.474	ug/l	99
17) Carbon Disulfide	2.514	76	86023	17.677	ug/l	99
18) Methyl Acetate	2.697	43	33550	22.710	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	111526	21.173	ug/l	99
20) Methylene Chloride	2.782	84	36183	20.992	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	33780	19.917	ug/l	97
22) Diisopropyl ether	3.745	45	124183	24.288	ug/l	98
23) Vinyl Acetate	3.709	43	446839	109.405	ug/l	99
24) 1,1-Dichloroethane	3.605	63	67852	21.947	ug/l	97
25) 2-Butanone	4.532	43	82665	92.324	ug/l	98
26) 2,2-Dichloropropane	4.465	77	57227	20.507	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	40920	20.673	ug/l	97
28) Bromochloromethane	4.885	49	27093	21.135	ug/l	97
29) Tetrahydrofuran	4.983	42	56094	104.605	ug/l	99
30) Chloroform	5.074	83	69364	21.000	ug/l	99
31) Cyclohexane	5.452	56	55542	21.700	ug/l	98
32) 1,1,1-Trichloroethane	5.361	97	61542	20.216	ug/l	99
36) 1,1-Dichloropropene	5.678	75	46129	18.776	ug/l	98
37) Ethyl Acetate	4.690	43	40930	20.100	ug/l	97
38) Carbon Tetrachloride	5.659	117	53474	17.642	ug/l	98
39) Methylcyclohexane	7.360	83	57127	19.689	ug/l	97
40) Benzene	6.019	78	143594	20.131	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.891	41	21423	20.033	ug/l		97
42) 1,2-Dichloroethane	6.062	62	54167	20.580	ug/l		100
43) Isopropyl Acetate	6.318	43	71726	21.443	ug/l		99
44) Trichloroethene	7.104	130	36238	19.240	ug/l		96
45) 1,2-Dichloropropane	7.409	63	36737	21.663	ug/l		99
46) Dibromomethane	7.562	93	25874	19.583	ug/l		97
47) Bromodichloromethane	7.799	83	57167	20.040	ug/l		97
48) Methyl methacrylate	7.671	41	35028	20.753	ug/l		98
49) 1,4-Dioxane	7.641	88	7760	347.994	ug/l		96
51) 4-Methyl-2-Pentanone	8.555	43	199099	103.236	ug/l		99
52) Toluene	8.702	92	89799	19.817	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	52804	19.208	ug/l		99
54) cis-1,3-Dichloropropene	8.348	75	56592	19.080	ug/l		98
55) 1,1,2-Trichloroethane	9.134	97	33956	20.150	ug/l		96
56) Ethyl methacrylate	9.098	69	49497	20.082	ug/l		99
57) 1,3-Dichloropropane	9.293	76	60227	20.924	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.220	63	119963	91.599	ug/l		99
59) 2-Hexanone	9.415	43	132346	98.414	ug/l		100
60) Dibromochloromethane	9.506	129	41829	18.468	ug/l		99
61) 1,2-Dibromoethane	9.592	107	35420	19.716	ug/l		97
64) Tetrachloroethene	9.256	164	33699	19.834	ug/l		98
65) Chlorobenzene	10.061	112	100412	19.612	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.146	131	36140	19.218	ug/l		98
67) Ethyl Benzene	10.177	91	169088	19.397	ug/l		99
68) m/p-Xylenes	10.287	106	129267	39.912	ug/l		99
69) o-Xylene	10.622	106	61671	19.723	ug/l		98
70) Styrene	10.640	104	106581	20.018	ug/l		100
71) Bromoform	10.780	173	24946	16.598	ug/l	#	97
73) Isopropylbenzene	10.945	105	161663	19.852	ug/l		100
74) N-amyl acetate	10.823	43	62032	21.474	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	42859	19.272	ug/l		100
76) 1,2,3-Trichloropropane	11.219	75	38420m	21.249	ug/l		
77) Bromobenzene	11.183	156	40108	19.642	ug/l		98
78) n-propylbenzene	11.286	91	193025	20.472	ug/l		100
79) 2-Chlorotoluene	11.347	91	114466	20.023	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	136345	20.231	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	9461	12.731	ug/l	#	67
82) 4-Chlorotoluene	11.433	91	135382	19.950	ug/l		99
83) tert-Butylbenzene	11.695	119	137704	19.887	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	134649	20.020	ug/l		100
85) sec-Butylbenzene	11.872	105	169504	20.347	ug/l		99
86) p-Isopropyltoluene	11.988	119	143954	19.992	ug/l		98
87) 1,3-Dichlorobenzene	11.951	146	72254	18.770	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	74158	18.596	ug/l		98
89) n-Butylbenzene	12.311	91	132076	20.152	ug/l		99
90) Hexachloroethane	12.518	117	25067	17.629	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	68669	19.000	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.926	75	8255	18.287	ug/l		95
93) 1,2,4-Trichlorobenzene	13.567	180	45212	18.498	ug/l		98
94) Hexachlorobutadiene	13.707	225	19254	21.061	ug/l		97
95) Naphthalene	13.756	128	123109	19.012	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	43441	19.369	ug/l		99

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

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