Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
Data File : VX048408.D
Acq On : 29 Oct 2025 11:41
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

Quant Time: Oct 30 02:19:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:16:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	168492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	282367	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	256363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	126812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	12895	5.322	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.640%#		
35) Dibromofluoromethane	5.367	113	8478	5.266	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.540%#		
50) Toluene-d8	8.628	98	37648	5.298	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.600%#		
62) 4-Bromofluorobenzene	11.067	95	15170	5.707	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	11.420%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	8209	4.776	ug/l	99
3) Chloromethane	1.301	50	4434	4.573	ug/l	91
4) Vinyl Chloride	1.380	62	10893	4.863	ug/l	99
5) Bromomethane	1.618	94	4283	5.293	ug/l	91
6) Chloroethane	1.697	64	6637	4.982	ug/l	95
7) Trichlorofluoromethane	1.892	101	16922	4.930	ug/l	98
8) Diethyl Ether	2.130	74	5843	4.710	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.337	101	9591	4.967	ug/l	97
10) Methyl Iodide	2.459	142	37605	4.844	ug/l	97
11) Tert butyl alcohol	2.934	59	4142	22.311	ug/l #	86
12) 1,1-Dichloroethene	2.319	96	9427	4.807	ug/l	85
13) Acrolein	2.233	56	8883	22.923	ug/l	97
14) Allyl chloride	2.666	41	16036	4.828	ug/l	97
15) Acrylonitrile	3.056	53	19610	23.219	ug/l	96
16) Acetone	2.367	43	11436	20.823	ug/l #	89
17) Carbon Disulfide	2.514	76	28513	5.071	ug/l	98
18) Methyl Acetate	2.697	43	7987	4.348	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	29535	4.703	ug/l	100
20) Methylene Chloride	2.788	84	10334	4.881	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	10171	4.883	ug/l	95
22) Diisopropyl ether	3.751	45	33466	4.923	ug/l	90
23) Vinyl Acetate	3.709	43	117089	25.303	ug/l	98
24) 1,1-Dichloroethane	3.605	63	19205	4.978	ug/l	98
25) 2-Butanone	4.544	43	18935	21.582	ug/l	97
26) 2,2-Dichloropropane	4.465	77	15992	4.814	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	12076	4.857	ug/l	99
28) Bromochloromethane	4.879	49	8637	4.940	ug/l	91
29) Tetrahydrofuran	4.989	42	14146	22.641	ug/l	93
30) Chloroform	5.074	83	19818	4.994	ug/l	97
31) Cyclohexane	5.452	56	16213	4.841	ug/l	97
32) 1,1,1-Trichloroethane	5.361	97	17255	4.925	ug/l	99
36) 1,1-Dichloropropene	5.672	75	12604	4.662	ug/l	94
37) Ethyl Acetate	4.690	43	11896	5.165	ug/l	96
38) Carbon Tetrachloride	5.659	117	15859	5.081	ug/l	92
39) Methylcyclohexane	7.360	83	17067	4.909	ug/l	91
40) Benzene	6.019	78	41332	5.004	ug/l	97

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Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:16:32 2025
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/30/2025
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	5197	4.479	ug/l		97
42) 1,2-Dichloroethane	6.068	62	14675	5.045	ug/l		97
43) Isopropyl Acetate	6.324	43	17743	4.666	ug/l		98
44) Trichloroethene	7.110	130	11270	5.208	ug/l		92
45) 1,2-Dichloropropane	7.415	63	10081	4.887	ug/l		96
46) Dibromomethane	7.562	93	7346	5.087	ug/l		100
47) Bromodichloromethane	7.805	83	15604	5.086	ug/l		98
48) Methyl methacrylate	7.684	41	8621	4.649	ug/l		99
49) 1,4-Dioxane	7.641	88	1982	94.031	ug/l		93
51) 4-Methyl-2-Pentanone	8.555	43	50183	23.712	ug/l		99
52) Toluene	8.702	92	25912	5.021	ug/l		98
53) t-1,3-Dichloropropene	8.964	75	13872	4.988	ug/l		96
54) cis-1,3-Dichloropropene	8.348	75	14823	4.947	ug/l		99
55) 1,1,2-Trichloroethane	9.134	97	9317	4.989	ug/l		92
56) Ethyl methacrylate	9.098	69	12380	4.527	ug/l		96
57) 1,3-Dichloropropane	9.293	76	16367	5.054	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	30558	27.358	ug/l		98
59) 2-Hexanone	9.415	43	30645	22.254	ug/l		100
60) Dibromochloromethane	9.506	129	11519	4.987	ug/l		98
61) 1,2-Dibromoethane	9.592	107	9540	4.938	ug/l		97
64) Tetrachloroethene	9.256	164	10526	5.098	ug/l		97
65) Chlorobenzene	10.061	112	30095	5.096	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.146	131	9919	4.937	ug/l		97
67) Ethyl Benzene	10.177	91	48940	4.921	ug/l		98
68) m/p-Xylenes	10.281	106	37478	9.954	ug/l		96
69) o-Xylene	10.628	106	17655	4.907	ug/l		94
70) Styrene	10.640	104	29194	4.790	ug/l		99
71) Bromoform	10.781	173	6877	4.732	ug/l	#	100
73) Isopropylbenzene	10.945	105	45638	4.866	ug/l		100
74) N-amyl acetate	10.829	43	14713	4.397	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.195	83	11650	4.904	ug/l		97
76) 1,2,3-Trichloropropane	11.219	75	8901m	4.500	ug/l		
77) Bromobenzene	11.177	156	11458	4.945	ug/l		97
78) n-propylbenzene	11.287	91	54619	4.927	ug/l		98
79) 2-Chlorotoluene	11.347	91	32940	4.949	ug/l		97
80) 1,3,5-Trimethylbenzene	11.433	105	37702	4.904	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	2420	4.592	ug/l	#	68
82) 4-Chlorotoluene	11.439	91	39376	5.032	ug/l		99
83) tert-Butylbenzene	11.695	119	38057	4.862	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	36460	4.789	ug/l		97
85) sec-Butylbenzene	11.872	105	48781	5.001	ug/l		100
86) p-Isopropyltoluene	11.988	119	40550	4.918	ug/l		97
87) 1,3-Dichlorobenzene	11.951	146	21978	4.967	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	23136	5.134	ug/l		96
89) n-Butylbenzene	12.317	91	36813	4.755	ug/l		100
90) Hexachloroethane	12.518	117	6571	4.535	ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	20410	4.977	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	1977	4.250	ug/l		95
93) 1,2,4-Trichlorobenzene	13.567	180	13185	4.660	ug/l		99
94) Hexachlorobutadiene	13.707	225	5541	4.669	ug/l		97
95) Naphthalene	13.756	128	30675	4.293	ug/l		100
96) 1,2,3-Trichlorobenzene	13.945	180	11880	4.622	ug/l		98

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Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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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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