Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048516.D
Acq On : 07 Nov 2025 13:35
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025

Quant Time: Nov 08 04:38:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 04:36:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.531	168	195603	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.738	114	335919	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.037	117	223304	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	110981	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l		
Spiked Amount 50.000	Range 78 - 117		Recovery =	0.000%#			
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l		
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.000%#			
50) Toluene-d8	0.000	98	0d	0.000	ug/l		
Spiked Amount 50.000	Range 92 - 112		Recovery =	0.000%#			
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l		
Spiked Amount 50.000	Range 83 - 123		Recovery =	0.000%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.172	85	1427	0.900	ug/l		95
3) Chloromethane	1.300	50	2360	1.123	ug/l	#	87
4) Vinyl Chloride	1.380	62	2604	1.094	ug/l		99
6) Chloroethane	1.697	64	1819	1.167	ug/l	#	77
7) Trichlorofluoromethane	1.892	101	3842	1.020	ug/l		98
8) Diethyl Ether	2.130	74	1554	1.028	ug/l		85
9) 1,1,2-Trichlorotrifluo...	2.331	101	2160	0.991	ug/l	#	90
12) 1,1-Dichloroethene	2.319	96	2617	1.149	ug/l	#	86
14) Allyl chloride	2.666	41	4862	1.147	ug/l		95
15) Acrylonitrile	3.056	53	7915	5.250	ug/l		97
16) Acetone	2.373	43	7490	5.805	ug/l		98
17) Carbon Disulfide	2.514	76	8000	1.249	ug/l	#	93
18) Methyl Acetate	2.703	43	4673	1.318	ug/l		93
19) Methyl tert-butyl Ether	3.105	73	8461	1.052	ug/l	#	89
20) Methylene Chloride	2.788	84	3307	1.247	ug/l	#	87
21) trans-1,2-Dichloroethene	3.087	96	2739	1.135	ug/l		97
22) Diisopropyl ether	3.757	45	8684	1.067	ug/l		86
23) Vinyl Acetate	3.721	43	37398	5.246	ug/l		97
24) 1,1-Dichloroethane	3.605	63	4909	1.099	ug/l		95
25) 2-Butanone	4.544	43	9269	4.857	ug/l		95
26) 2,2-Dichloropropane	4.464	77	4220	1.108	ug/l		92
27) cis-1,2-Dichloroethene	4.477	96	3475	1.178	ug/l		96
28) Bromochloromethane	4.885	49	2504	1.141	ug/l	#	99
29) Tetrahydrofuran	4.995	42	7932	5.835	ug/l		92
30) Chloroform	5.080	83	5308	1.151	ug/l		84
32) 1,1,1-Trichloroethane	5.367	97	4539	1.128	ug/l	#	49
36) 1,1-Dichloropropene	5.678	75	3685	1.082	ug/l		99
37) Ethyl Acetate	4.714	43	5027	1.049	ug/l	#	88
38) Carbon Tetrachloride	5.659	117	4298	1.109	ug/l		89
39) Methylcyclohexane	7.360	83	3932	1.029	ug/l	#	88
40) Benzene	6.025	78	11724	1.111	ug/l		98
41) Methacrylonitrile	4.910	41	2117	1.005	ug/l	#	74
42) 1,2-Dichloroethane	6.068	62	3627	1.003	ug/l		94
43) Isopropyl Acetate	6.330	43	6781	1.007	ug/l		94
44) Trichloroethene	7.110	130	2845	1.128	ug/l		76
45) 1,2-Dichloropropane	7.409	63	2802	1.155	ug/l		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.561	93	1870	1.057	ug/l		97
47) Bromodichloromethane	7.805	83	3471	0.983	ug/l	#	73
48) Methyl methacrylate	7.690	41	3138	1.048	ug/l		90
49) 1,4-Dioxane	7.653	88	811	17.773	ug/l	#	86
51) 4-Methyl-2-Pentanone	8.555	43	16970	4.426	ug/l		90
52) Toluene	8.702	92	4764	0.857	ug/l		98
53) t-1,3-Dichloropropene	8.964	75	3445	0.947	ug/l	#	86
54) cis-1,3-Dichloropropene	8.354	75	3173	0.842	ug/l	#	78
55) 1,1,2-Trichloroethane	9.140	97	1939	0.874	ug/l	#	87
56) Ethyl methacrylate	9.104	69	2995	0.811	ug/l	#	89
57) 1,3-Dichloropropane	9.293	76	3551	0.919	ug/l		97
58) 2-Chloroethyl Vinyl ether	8.226	63	7704m	3.915	ug/l		
59) 2-Hexanone	9.415	43	12104	4.243	ug/l		91
60) Dibromochloromethane	9.500	129	2328	0.854	ug/l		92
61) 1,2-Dibromoethane	9.598	107	2078	0.864	ug/l		87
64) Tetrachloroethene	9.250	164	1983	1.223	ug/l	#	83
65) Chlorobenzene	10.067	112	6278	1.184	ug/l		95
66) 1,1,1,2-Tetrachloroethane	10.140	131	1769	0.996	ug/l	#	55
67) Ethyl Benzene	10.177	91	10060	1.130	ug/l		96
68) m/p-Xylenes	10.287	106	6820	2.035	ug/l		96
69) o-Xylene	10.622	106	3552	1.083	ug/l		98
70) Styrene	10.640	104	5483	0.997	ug/l		94
71) Bromoform	10.787	173	1905	1.163	ug/l	#	89
73) Isopropylbenzene	10.945	105	8562	1.063	ug/l		99
74) N-amyl acetate	10.829	43	4435	1.096	ug/l	#	91
75) 1,1,2,2-Tetrachloroethane	11.195	83	3428	1.207	ug/l		97
76) 1,2,3-Trichloropropane	11.219	75	2820m	1.192	ug/l		
77) Bromobenzene	11.183	156	2339	1.124	ug/l		98
78) n-propylbenzene	11.286	91	10393	1.097	ug/l		99
79) 2-Chlorotoluene	11.347	91	6648	1.161	ug/l		98
80) 1,3,5-Trimethylbenzene	11.433	105	7041	1.072	ug/l		94
82) 4-Chlorotoluene	11.439	91	7628	1.136	ug/l		97
83) tert-Butylbenzene	11.695	119	7172	1.056	ug/l		100
84) 1,2,4-Trimethylbenzene	11.731	105	7156	1.080	ug/l		97
85) sec-Butylbenzene	11.872	105	9183	1.094	ug/l		96
86) p-Isopropyltoluene	11.994	119	7646	1.083	ug/l		92
87) 1,3-Dichlorobenzene	11.951	146	4609	1.182	ug/l		96
88) 1,4-Dichlorobenzene	12.018	146	5170m	1.314	ug/l		
89) n-Butylbenzene	12.317	91	7282	1.100	ug/l		94
90) Hexachloroethane	12.518	117	1507	1.121	ug/l		95
91) 1,2-Dichlorobenzene	12.323	146	4315	1.153	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	12.932	75	674	1.021	ug/l		96
93) 1,2,4-Trichlorobenzene	13.567	180	3004	1.208	ug/l		96
94) Hexachlorobutadiene	13.707	225	1356	1.304	ug/l		97
95) Naphthalene	13.762	128	8156	1.020	ug/l		98
96) 1,2,3-Trichlorobenzene	13.944	180	2598	1.123	ug/l		89

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

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