Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010625\
Data File : VX044586.D
Acq On : 06 Jan 2025 11:33
Operator : JC/MD
Sample : VX0106WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 06 16:02:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0106WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/06/2025
Supervised By :Semsettin Yesilyurt 01/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	149600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	239169	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	210557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	101841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	112034	42.713	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 85.420%			
35) Dibromofluoromethane	5.379	113	90698	54.754	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.500%			
50) Toluene-d8	8.647	98	300770	53.820	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.640%			
62) 4-Bromofluorobenzene	11.079	95	105187	53.867	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.740%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	41971	18.144	ug/l	98
3) Chloromethane	1.294	50	39408	17.815	ug/l	97
4) Vinyl Chloride	1.374	62	39784	17.263	ug/l	100
5) Bromomethane	1.593	94	28109	17.193	ug/l	99
6) Chloroethane	1.666	64	26078	18.173	ug/l	96
7) Trichlorofluoromethane	1.873	101	74470	16.506	ug/l	100
8) Diethyl Ether	2.130	74	27591	17.916	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	36833	20.176	ug/l	94
10) Methyl Iodide	2.447	142	49698	20.655	ug/l	94
11) Tert butyl alcohol	2.977	59	29854	80.758	ug/l	99
12) 1,1-Dichloroethene	2.312	96	33478	19.965	ug/l	92
13) Acrolein	2.233	56	40310	75.330	ug/l	97
14) Allyl chloride	2.660	41	51699	18.510	ug/l	98
15) Acrylonitrile	3.062	53	89545	87.446	ug/l	99
16) Acetone	2.380	43	78406	73.321	ug/l	96
17) Carbon Disulfide	2.501	76	64836	20.341	ug/l	99
18) Methyl Acetate	2.697	43	47479	17.220	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	116551	17.811	ug/l	99
20) Methylene Chloride	2.782	84	39648	19.740	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	34367	19.284	ug/l	92
22) Diisopropyl ether	3.757	45	111666	17.755	ug/l #	85
23) Vinyl Acetate	3.715	43	475441	92.983	ug/l	98
24) 1,1-Dichloroethane	3.605	63	63748	18.184	ug/l	96
25) 2-Butanone	4.556	43	118665	78.057	ug/l	94
26) 2,2-Dichloropropane	4.471	77	56641	19.887	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	43138	19.060	ug/l	95
28) Bromochloromethane	4.885	49	56140	32.656	ug/l	91
29) Tetrahydrofuran	5.001	42	76013	77.899	ug/l	97
30) Chloroform	5.086	83	70954	18.014	ug/l	99
31) Cyclohexane	5.464	56	52407	18.512	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	63038	19.280	ug/l	99
36) 1,1-Dichloropropene	5.684	75	45665	21.327	ug/l	98
37) Ethyl Acetate	4.708	43	50978	19.260	ug/l	99
38) Carbon Tetrachloride	5.665	117	50771	22.024	ug/l	99
39) Methylcyclohexane	7.379	83	57567	22.489	ug/l	97
40) Benzene	6.031	78	139661	21.483	ug/l	97

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Instrument :
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ClientSampleId :
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Reviewed By :Mahesh Dadoda 01/06/2025
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.916	41	26660	18.969 ug/l	96
42) 1,2-Dichloroethane	6.080	62	55389	20.683 ug/l	97
43) Isopropyl Acetate	6.336	43	79710	19.268 ug/l	98
44) Trichloroethene	7.123	130	38048	23.469 ug/l	88
45) 1,2-Dichloropropane	7.427	63	35194	21.190 ug/l	94
46) Dibromomethane	7.580	93	28228	21.907 ug/l	91
47) Bromodichloromethane	7.818	83	50075	22.502 ug/l	98
48) Methyl methacrylate	7.696	41	37427	18.638 ug/l	96
49) 1,4-Dioxane	7.665	88	11511	345.732 ug/l #	84
51) 4-Methyl-2-Pentanone	8.573	43	248903	93.575 ug/l	99
52) Toluene	8.714	92	90207	22.096 ug/l	99
53) t-1,3-Dichloropropene	8.976	75	48401	21.450 ug/l	94
54) cis-1,3-Dichloropropene	8.360	75	54696	22.573 ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	35947	22.164 ug/l	97
56) Ethyl methacrylate	9.116	69	52569	20.532 ug/l	96
57) 1,3-Dichloropropane	9.305	76	60415	21.401 ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	102555	79.415 ug/l	96
59) 2-Hexanone	9.427	43	178446	92.683 ug/l	98
60) Dibromochloromethane	9.518	129	36558	22.520 ug/l	100
61) 1,2-Dibromoethane	9.604	107	37589	22.769 ug/l	99
64) Tetrachloroethene	9.268	164	34253	24.510 ug/l	96
65) Chlorobenzene	10.079	112	99743	22.107 ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	34118	23.529 ug/l	98
67) Ethyl Benzene	10.189	91	166939	21.415 ug/l	97
68) m/p-Xylenes	10.299	106	129120	45.139 ug/l	94
69) o-Xylene	10.640	106	63988	22.108 ug/l	92
70) Styrene	10.652	104	102039	21.992 ug/l	96
71) Bromoform	10.799	173	21524	23.216 ug/l #	95
73) Isopropylbenzene	10.957	105	163707	20.998 ug/l	100
74) N-amyl acetate	10.841	43	63521	17.629 ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	51974	19.193 ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	42780m	18.814 ug/l	
77) Bromobenzene	11.195	156	42341	22.396 ug/l	89
78) n-propylbenzene	11.305	91	182397	21.167 ug/l	98
79) 2-Chlorotoluene	11.360	91	110821	19.886 ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	134840	20.856 ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12453	19.521 ug/l	93
82) 4-Chlorotoluene	11.451	91	126093	20.433 ug/l	97
83) tert-Butylbenzene	11.713	119	135810	21.255 ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	135303	21.309 ug/l	99
85) sec-Butylbenzene	11.890	105	164105	21.156 ug/l	97
86) p-Isopropyltoluene	12.006	119	141059	21.849 ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	73012	22.109 ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	73625	21.688 ug/l	98
89) n-Butylbenzene	12.329	91	112079	20.645 ug/l	99
90) Hexachloroethane	12.536	117	20073	21.299 ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	72571	21.164 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9753	18.553 ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	43895	23.350 ug/l	99
94) Hexachlorobutadiene	13.725	225	19702	26.055 ug/l	97
95) Naphthalene	13.774	128	144795	19.732 ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	44749	22.443 ug/l	97

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Instrument :
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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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