Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052623\
Data File : VX035890.D
Acq On : 26 May 2023 17:50
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 29 07:24:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
Quant Title : SW846 8260
QLast Update : Mon May 29 07:19:34 2023
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	196829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	345583	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	305198	87.255	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 174.500%#			
35) Dibromofluoromethane	5.385	113	217596	91.665	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 183.320%#			
50) Toluene-d8	8.647	98	799083	91.723	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 183.440%#			
62) 4-Bromofluorobenzene	11.079	95	328619	95.740	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 191.480%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	257272	98.286	ug/l	99
3) Chloromethane	1.294	50	259624	96.195	ug/l	97
4) Vinyl Chloride	1.374	62	254367	98.116	ug/l	100
5) Bromomethane	1.611	94	154679	99.560	ug/l	98
6) Chloroethane	1.691	64	137982	95.253	ug/l	100
7) Trichlorofluoromethane	1.886	101	380186	97.722	ug/l	97
8) Diethyl Ether	2.130	74	142206	99.535	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	225113	97.621	ug/l	99
10) Methyl Iodide	2.453	142	252084	107.763	ug/l	99
11) Tert butyl alcohol	3.001	59	311796m	512.143	ug/l	
12) 1,1-Dichloroethene	2.319	96	211520	97.863	ug/l	97
13) Acrolein	2.239	56	299092	495.162	ug/l	100
14) Allyl chloride	2.660	41	434769	101.820	ug/l	98
15) Acrylonitrile	3.068	53	692514	497.038	ug/l	99
16) Acetone	2.392	43	665580	471.337	ug/l	97
17) Carbon Disulfide	2.514	76	532533	106.374	ug/l	99
18) Methyl Acetate	2.703	43	539772	98.997	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	816602	97.992	ug/l	99
20) Methylene Chloride	2.788	84	250623	98.102	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	233341	97.933	ug/l	99
22) Diisopropyl ether	3.757	45	843632	98.391	ug/l	97
23) Vinyl Acetate	3.721	43	3084777	516.461	ug/l	99
24) 1,1-Dichloroethane	3.611	63	460186	97.253	ug/l	99
25) 2-Butanone	4.562	43	1029741	504.136	ug/l	100
26) 2,2-Dichloropropane	4.477	77	374329	102.587	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	272623	98.364	ug/l	99
28) Bromochloromethane	4.897	49	217084	94.674	ug/l	98
29) Tetrahydrofuran	5.007	42	665646	503.707	ug/l	100
30) Chloroform	5.093	83	476794	98.220	ug/l	100
31) Cyclohexane	5.471	56	407072	97.985	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	427628	101.949	ug/l	99
36) 1,1-Dichloropropene	5.690	75	350634	97.275	ug/l	99
37) Ethyl Acetate	4.715	43	392914	100.696	ug/l	99
38) Carbon Tetrachloride	5.678	117	358188	105.432	ug/l	97
39) Methylcyclohexane	7.379	83	414875	100.873	ug/l	99
40) Benzene	6.037	78	983489	97.414	ug/l	99

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VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2023
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.922	41	226416	101.933 ug/l	99
42) 1,2-Dichloroethane	6.086	62	416423	97.651 ug/l	99
43) Isopropyl Acetate	6.342	43	651620	104.213 ug/l	100
44) Trichloroethene	7.123	130	254092	101.033 ug/l	99
45) 1,2-Dichloropropane	7.427	63	260647	97.900 ug/l	100
46) Dibromomethane	7.580	93	183095	100.155 ug/l	100
47) Bromodichloromethane	7.824	83	364873	107.082 ug/l	99
48) Methyl methacrylate	7.690	41	329227	102.573 ug/l	98
49) 1,4-Dioxane	7.720	88	134328	1961.105 ug/l #	79
51) 4-Methyl-2-Pentanone	8.574	43	1956433	502.633 ug/l	99
52) Toluene	8.720	92	634245	100.027 ug/l	99
53) t-1,3-Dichloropropene	8.976	75	401919	114.221 ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	425508	110.787 ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	251661	100.114 ug/l	98
56) Ethyl methacrylate	9.116	69	421212	106.423 ug/l	99
57) 1,3-Dichloropropane	9.311	76	445084	97.612 ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1050399	501.600 ug/l	100
59) 2-Hexanone	9.433	43	1486212	505.171 ug/l	99
60) Dibromochloromethane	9.519	129	262498	114.128 ug/l	99
61) 1,2-Dibromoethane	9.610	107	271919	102.724 ug/l	100
64) Tetrachloroethene	9.275	164	205916	96.903 ug/l	97
65) Chlorobenzene	10.079	112	661672	99.010 ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	246511	107.509 ug/l	98
67) Ethyl Benzene	10.195	91	1227307	98.978 ug/l	98
68) m/p-Xylenes	10.305	106	928331	202.353 ug/l	98
69) o-Xylene	10.640	106	466744	102.410 ug/l	96
70) Styrene	10.653	104	780889	104.299 ug/l	99
71) Bromoform	10.799	173	176582	119.112 ug/l #	99
73) Isopropylbenzene	10.963	105	1204715	96.014 ug/l	98
74) N-amyl acetate	10.841	43	565571	103.639 ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	392794	95.777 ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	381910m	98.922 ug/l	
77) Bromobenzene	11.195	156	279558	98.778 ug/l	99
78) n-propylbenzene	11.305	91	1434460	98.090 ug/l	98
79) 2-Chlorotoluene	11.366	91	880717	94.999 ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1048118	98.045 ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	121906	97.452 ug/l	95
82) 4-Chlorotoluene	11.457	91	1027613	97.406 ug/l	99
83) tert-Butylbenzene	11.713	119	1015384	98.945 ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	1060694	99.079 ug/l	100
85) sec-Butylbenzene	11.890	105	1290827	100.652 ug/l	99
86) p-Isopropyltoluene	12.006	119	1092635	101.891 ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	536950	99.402 ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	538446	96.695 ug/l	99
89) n-Butylbenzene	12.329	91	989812	105.012 ug/l	100
90) Hexachloroethane	12.536	117	178698	115.188 ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	511221	95.816 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	94663	110.301 ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	316578	100.913 ug/l	98
94) Hexachlorobutadiene	13.725	225	121813	96.840 ug/l	100
95) Naphthalene	13.774	128	1111788	102.006 ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	310687	99.380 ug/l	99

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Manual Integrations APPROVED

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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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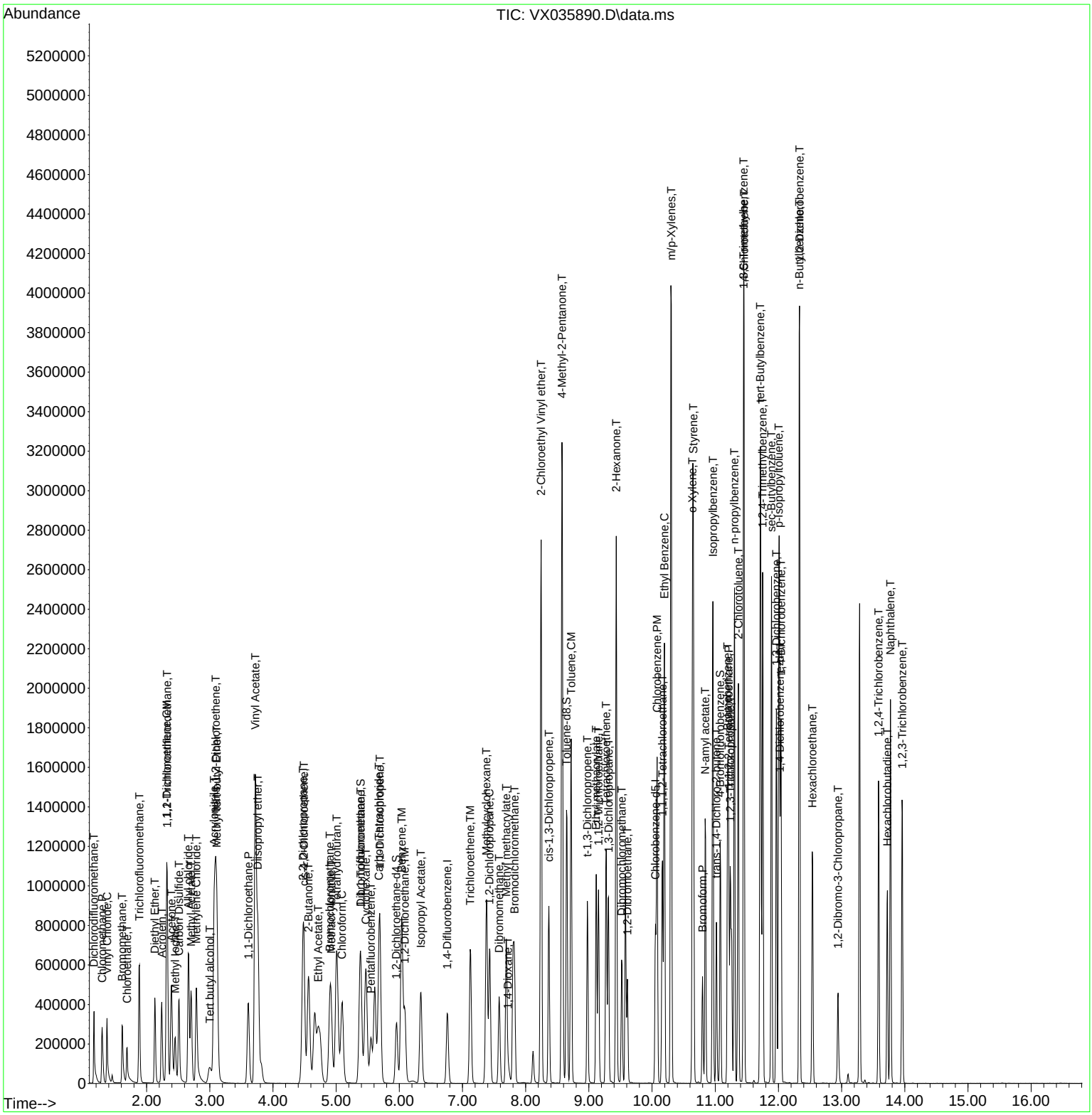
Manual Integrations APPROVED

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