Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031323\
Data File : VX034422.D
Acq On : 13 Mar 2023 10:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 14 02:53:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	352979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	592065	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	546770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	279813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	247715	48.239	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 96.480%			
35) Dibromofluoromethane	5.379	113	197521	50.529	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.060%			
50) Toluene-d8	8.647	98	738244	50.589	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.180%			
62) 4-Bromofluorobenzene	11.079	95	298437	50.630	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.260%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	140329	42.645	ug/l	100
3) Chloromethane	1.307	50	216894	43.337	ug/l	100
4) Vinyl Chloride	1.374	62	193630	43.215	ug/l	100
5) Bromomethane	1.599	94	109617	48.488	ug/l	98
6) Chloroethane	1.679	64	115817	44.893	ug/l	99
7) Trichlorofluoromethane	1.886	101	294253	43.706	ug/l	99
8) Diethyl Ether	2.130	74	109890	44.712	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	171693	43.759	ug/l	100
10) Methyl Iodide	2.447	142	225083	43.694	ug/l	98
11) Tert butyl alcohol	2.953	59	216018	202.008	ug/l	99
12) 1,1-Dichloroethene	2.319	96	165257	42.766	ug/l	99
13) Acrolein	2.233	56	201895	238.658	ug/l	99
14) Allyl chloride	2.660	41	337492	43.080	ug/l	99
15) Acrylonitrile	3.056	53	528184	228.651	ug/l	99
16) Acetone	2.374	43	528494	218.485	ug/l	98
17) Carbon Disulfide	2.508	76	459154	42.223	ug/l	100
18) Methyl Acetate	2.697	43	347483	43.964	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	618138	44.677	ug/l	99
20) Methylene Chloride	2.782	84	196549	41.867	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	185668	45.243	ug/l	98
22) Diisopropyl ether	3.758	45	687013	45.996	ug/l	92
23) Vinyl Acetate	3.715	43	2684361	236.140	ug/l	99
24) 1,1-Dichloroethane	3.605	63	357842	44.568	ug/l	98
25) 2-Butanone	4.550	43	800371	231.247	ug/l	98
26) 2,2-Dichloropropane	4.471	77	307159	44.010	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	220055	44.544	ug/l	100
28) Bromochloromethane	4.891	49	175580	47.031	ug/l	99
29) Tetrahydrofuran	4.995	42	492562	230.632	ug/l	98
30) Chloroform	5.087	83	359020	45.616	ug/l	99
31) Cyclohexane	5.465	56	322218	44.741	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	314545	45.145	ug/l	100
36) 1,1-Dichloropropene	5.684	75	265146	44.161	ug/l	99
37) Ethyl Acetate	4.709	43	301813	46.013	ug/l	99
38) Carbon Tetrachloride	5.672	117	269149	45.061	ug/l	97
39) Methylcyclohexane	7.379	83	323353	45.002	ug/l	97
40) Benzene	6.032	78	796169	45.329	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	170187	47.343	ug/l		98
42) 1,2-Dichloroethane	6.080	62	299040	46.325	ug/l		99
43) Isopropyl Acetate	6.330	43	518801	46.689	ug/l		99
44) Trichloroethene	7.123	130	202877	44.455	ug/l		96
45) 1,2-Dichloropropane	7.428	63	211319	46.078	ug/l		99
46) Dibromomethane	7.580	93	143282	45.955	ug/l		99
47) Bromodichloromethane	7.818	83	290183	48.089	ug/l		97
48) Methyl methacrylate	7.690	41	251474	47.055	ug/l		100
49) 1,4-Dioxane	7.653	88	94919	845.606	ug/l		99
51) 4-Methyl-2-Pentanone	8.568	43	1528784	237.163	ug/l		99
52) Toluene	8.714	92	503215	46.276	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	337213	49.603	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	351758	47.826	ug/l		97
55) 1,1,2-Trichloroethane	9.153	97	208315	48.270	ug/l		98
56) Ethyl methacrylate	9.116	69	339956	47.978	ug/l		100
57) 1,3-Dichloropropane	9.305	76	357982	46.673	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	826895	226.443	ug/l		100
59) 2-Hexanone	9.427	43	1171953	235.192	ug/l		99
60) Dibromochloromethane	9.519	129	224911	49.691	ug/l		99
61) 1,2-Dibromoethane	9.610	107	219424	47.117	ug/l		100
64) Tetrachloroethene	9.275	164	162578	44.265	ug/l		98
65) Chlorobenzene	10.080	112	538861	44.918	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	205105	46.943	ug/l		99
67) Ethyl Benzene	10.195	91	976013	45.445	ug/l		99
68) m/p-Xylenes	10.299	106	744069	90.189	ug/l		99
69) o-Xylene	10.640	106	370531	44.754	ug/l		99
70) Styrene	10.653	104	620732	46.470	ug/l		100
71) Bromoform	10.799	173	164609	48.943	ug/l	#	100
73) Isopropylbenzene	10.964	105	963745	44.564	ug/l		100
74) N-amyl acetate	10.842	43	480132	46.353	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.214	83	327145	45.333	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	274139m	42.669	ug/l		
77) Bromobenzene	11.195	156	233563	45.015	ug/l		99
78) n-propylbenzene	11.305	91	1149977	46.044	ug/l		100
79) 2-Chlorotoluene	11.366	91	698233	45.266	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	829938	45.754	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	115238	48.523	ug/l		98
82) 4-Chlorotoluene	11.451	91	807262	45.435	ug/l		99
83) tert-Butylbenzene	11.713	119	816864	44.664	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	839409	45.280	ug/l		99
85) sec-Butylbenzene	11.890	105	1012075	45.265	ug/l		99
86) p-Isopropyltoluene	12.006	119	857328	45.623	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	452455	44.505	ug/l		99
88) 1,4-Dichlorobenzene	12.043	146	459214	44.672	ug/l		100
89) n-Butylbenzene	12.329	91	779360	46.653	ug/l		100
90) Hexachloroethane	12.536	117	168704	48.518	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	443640	45.156	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	78856	48.095	ug/l		99
93) 1,2,4-Trichlorobenzene	13.591	180	290702	47.316	ug/l		99
94) Hexachlorobutadiene	13.725	225	115207	46.545	ug/l		99
95) Naphthalene	13.774	128	969169	47.041	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	285459	47.532	ug/l		98

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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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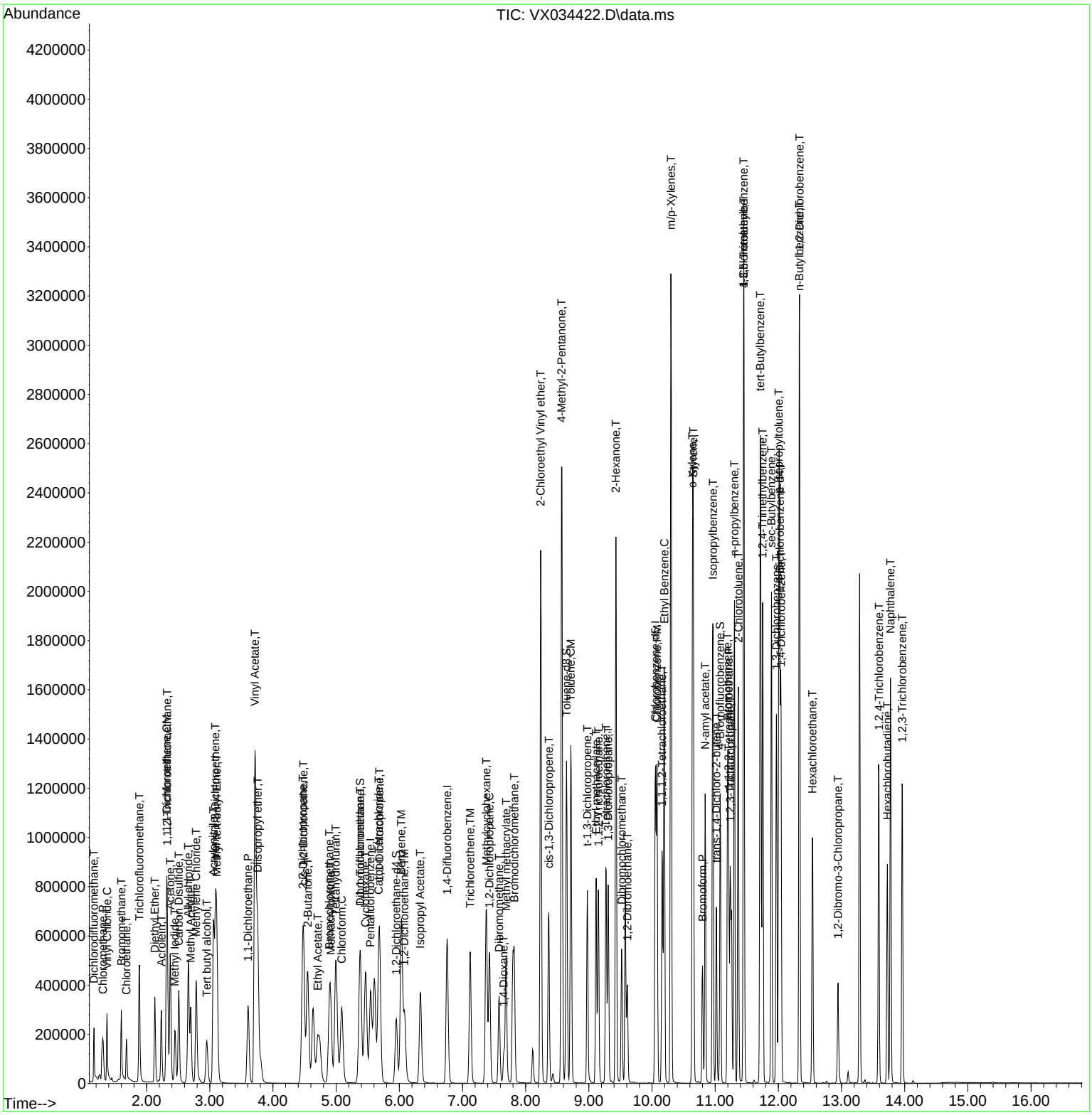
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