Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071322\
Data File : VN073443.D
Acq On : 13 Jul 2022 11:14
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 14 07:01:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone
07/14/2022
Supervised By :Mahesh Dadoda
07/14/2022

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	8.016	168	204542	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	347190	50.000 ug/l	0.00
63) Chlorobenzene-d5	11.680	117	325427	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	158322	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.369	65	159532	54.028 ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.060%		
35) Dibromofluoromethane	7.951	113	126183	54.627 ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.260%		
50) Toluene-d8	10.375	98	441578	53.825 ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.640%		
62) 4-Bromofluorobenzene	12.669	95	175464	55.654 ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.300%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.046	85	148964	49.814 ug/l	100
3) Chloromethane	2.269	50	142217	48.985 ug/l	100
4) Vinyl Chloride	2.404	62	118513	48.043 ug/l	98
5) Bromomethane	2.787	94	50409	43.265 ug/l	90
6) Chloroethane	2.952	64	77346	53.302 ug/l	99
7) Trichlorofluoromethane	3.304	101	219963	51.577 ug/l	98
8) Diethyl Ether	3.763	74	90838	52.324 ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.140	101	130721	51.875 ug/l	96
10) Methyl Iodide	4.346	142	130080	43.341 ug/l	93
11) Tert butyl alcohol	5.287	59	187515	262.149 ug/l	99
12) 1,1-Dichloroethene	4.110	96	120107	49.881 ug/l	95
13) Acrolein	3.975	56	89685	198.367 ug/l	100
14) Allyl chloride	4.757	41	271351	53.494 ug/l #	89
15) Acrylonitrile	5.469	53	548603	297.933 ug/l	99
16) Acetone	4.216	43	484859	292.533 ug/l	94
17) Carbon Disulfide	4.457	76	281171	45.034 ug/l	99
18) Methyl Acetate	4.775	43	286876	61.763 ug/l #	89
19) Methyl tert-butyl Ether	5.528	73	483702	55.118 ug/l	98
20) Methylene Chloride	5.004	84	150393	51.631 ug/l #	85
21) trans-1,2-Dichloroethene	5.504	96	128806	51.196 ug/l	95
22) Diisopropyl ether	6.410	45	563177	59.499 ug/l #	95
23) Vinyl Acetate	6.345	43	2371365	279.820 ug/l #	91
24) 1,1-Dichloroethane	6.298	63	273001	55.734 ug/l	99
25) 2-Butanone	7.257	43	806256	305.534 ug/l #	87
26) 2,2-Dichloropropane	7.251	77	208572	46.040 ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	157710	51.763 ug/l	93
28) Bromochloromethane	7.581	49	125310	61.084 ug/l #	80
29) Tetrahydrofuran	7.610	42	533550	295.290 ug/l #	86
30) Chloroform	7.745	83	276392	56.024 ug/l	99
31) Cyclohexane	8.022	56	235104	48.616 ug/l	90
32) 1,1,1-Trichloroethane	7.939	97	233114	53.022 ug/l	99
36) 1,1-Dichloropropene	8.145	75	195200	54.920 ug/l	96
37) Ethyl Acetate	7.334	43	297260	55.352 ug/l #	94
38) Carbon Tetrachloride	8.128	117	193187	52.560 ug/l	99
39) Methylcyclohexane	9.392	83	223197	50.440 ug/l	93
40) Benzene	8.386	78	601792	54.863 ug/l	99

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.569	41	149973	57.581 ug/l #	87
42) 1,2-Dichloroethane	8.457	62	224173	56.379 ug/l	98
43) Isopropyl Acetate	8.492	43	447872	58.028 ug/l #	91
44) Trichloroethene	9.145	130	142666	51.109 ug/l	88
45) 1,2-Dichloropropane	9.422	63	161588	57.797 ug/l	100
46) Dibromomethane	9.510	93	104759	55.185 ug/l	92
47) Bromodichloromethane	9.698	83	216735	58.949 ug/l	98
48) Methyl methacrylate	9.492	41	212726	59.527 ug/l #	87
49) 1,4-Dioxane	9.504	88	81927	1207.638 ug/l #	90
51) 4-Methyl-2-Pentanone	10.269	43	1528632	312.315 ug/l	90
52) Toluene	10.439	92	362099	53.416 ug/l	97
53) t-1,3-Dichloropropene	10.657	75	225355	55.678 ug/l	98
54) cis-1,3-Dichloropropene	10.128	75	243731	55.778 ug/l	93
55) 1,1,2-Trichloroethane	10.839	97	154961	55.527 ug/l	97
56) Ethyl methacrylate	10.698	69	253059	56.102 ug/l #	86
57) 1,3-Dichloropropane	10.980	76	268186	56.059 ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	587882	292.233 ug/l	93
59) 2-Hexanone	11.022	43	1161002	311.181 ug/l	88
60) Dibromochloromethane	11.175	129	157193	59.079 ug/l	99
61) 1,2-Dibromoethane	11.286	107	154232	55.330 ug/l	99
64) Tetrachloroethene	10.910	164	131638	49.537 ug/l	93
65) Chlorobenzene	11.710	112	379759	51.598 ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	140973	52.075 ug/l	99
67) Ethyl Benzene	11.780	91	715674	53.561 ug/l	100
68) m/p-Xylenes	11.892	106	540727	107.229 ug/l	95
69) o-Xylene	12.222	106	268635	52.183 ug/l	96
70) Styrene	12.233	104	447172	56.262 ug/l	98
71) Bromoform	12.398	173	112913	57.002 ug/l #	99
73) Isopropylbenzene	12.516	105	705178	51.579 ug/l	98
74) N-amyl acetate	12.327	43	349563	51.062 ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.769	83	244065	53.797 ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	212114m	51.238 ug/l	
77) Bromobenzene	12.798	156	158597	49.894 ug/l	84
78) n-propylbenzene	12.857	91	837644	55.151 ug/l	96
79) 2-Chlorotoluene	12.945	91	494643	51.457 ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	598419	53.701 ug/l	97
81) trans-1,4-Dichloro-2-b...	12.569	75	75479	50.002 ug/l	92
82) 4-Chlorotoluene	13.039	91	483394	51.943 ug/l	97
83) tert-Butylbenzene	13.263	119	520614	52.111 ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	588766	52.919 ug/l	97
85) sec-Butylbenzene	13.439	105	735648	54.837 ug/l	98
86) p-Isopropyltoluene	13.551	119	597253	55.113 ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	292262	51.251 ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	289645	50.694 ug/l	98
89) n-Butylbenzene	13.880	91	507847	56.238 ug/l	98
90) Hexachloroethane	14.145	117	106295	52.632 ug/l	84
91) 1,2-Dichlorobenzene	13.921	146	302487	52.072 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	57576	52.214 ug/l	85
93) 1,2,4-Trichlorobenzene	15.192	180	156623	51.782 ug/l	98
94) Hexachlorobutadiene	15.298	225	69998	52.059 ug/l	97
95) Naphthalene	15.433	128	588100	48.197 ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	160687	51.500 ug/l	99

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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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07/14/2022

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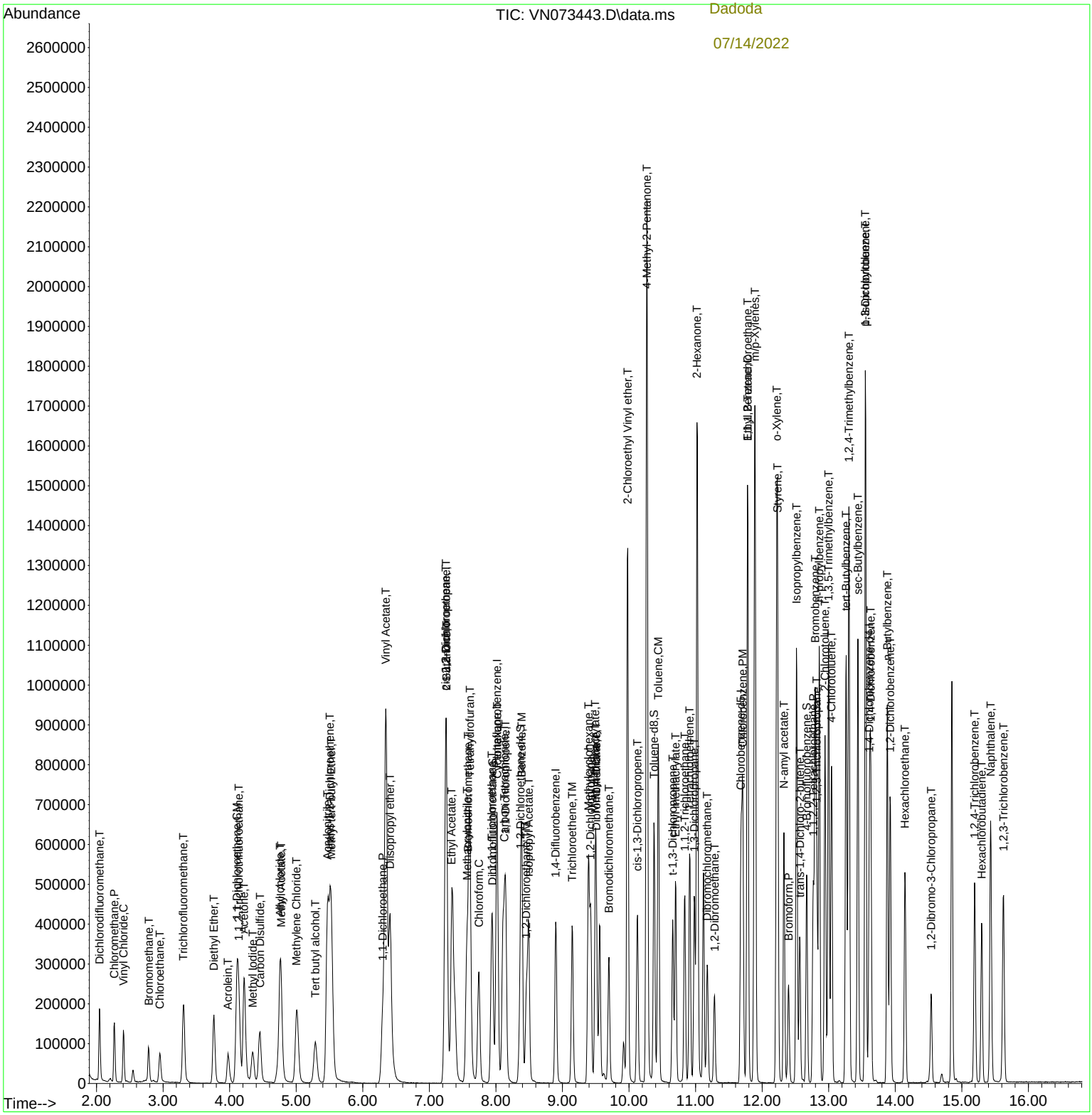
07/14/2022