Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
Data File : VN081484.D
Acq On : 19 Mar 2024 20:31
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 20 01:25:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.224	168	519979	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.100	114	883755	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.865	117	787228	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	371104	50.000	ug/l	#	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.577	65	323835	48.836	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.680%			
35) Dibromofluoromethane	8.165	113	277818	49.811	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.620%			
50) Toluene-d8	10.565	98	1002038	49.700	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.400%			
62) 4-Bromofluorobenzene	12.853	95	354319	49.875	ug/l		0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	99.740%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.124	85	313879	44.830	ug/l		98
3) Chloromethane	2.359	50	292211	41.918	ug/l		97
4) Vinyl Chloride	2.512	62	344089	43.982	ug/l		98
5) Bromomethane	2.954	94	213130	38.521	ug/l		99
6) Chloroethane	3.118	64	225125	41.911	ug/l		97
7) Trichlorofluoromethane	3.495	101	517183	44.357	ug/l		96
8) Diethyl Ether	3.959	74	180998	46.907	ug/l		77
9) 1,1,2-Trichlorotrifluo...	4.371	101	290680	43.876	ug/l	#	87
10) Methyl Iodide	4.589	142	354584	53.746	ug/l		96
11) Tert butyl alcohol	5.518	59	229669	198.746	ug/l		100
12) 1,1-Dichloroethene	4.342	96	278349	45.359	ug/l		85
13) Acrolein	4.177	56	237529	229.067	ug/l		99
14) Allyl chloride	5.024	41	356886	46.412	ug/l	#	85
15) Acrylonitrile	5.718	53	661895	214.102	ug/l		97
16) Acetone	4.418	43	468746	218.732	ug/l		94
17) Carbon Disulfide	4.718	76	738633	41.944	ug/l	#	94
18) Methyl Acetate	5.018	43	300023	45.411	ug/l	#	87
19) Methyl tert-butyl Ether	5.795	73	916296	47.711	ug/l		96
20) Methylene Chloride	5.277	84	308573	43.957	ug/l	#	83
21) trans-1,2-Dichloroethene	5.789	96	300183	43.872	ug/l		92
22) Diisopropyl ether	6.671	45	881572	49.341	ug/l	#	92
23) Vinyl Acetate	6.600	43	3406997	239.565	ug/l	#	89
24) 1,1-Dichloroethane	6.571	63	545453	45.580	ug/l		97
25) 2-Butanone	7.483	43	804904	218.979	ug/l	#	87
26) 2,2-Dichloropropane	7.494	77	465555	44.854	ug/l		99
27) cis-1,2-Dichloroethene	7.489	96	349450	45.139	ug/l		88
28) Bromochloromethane	7.812	49	220753	45.290	ug/l	#	54
29) Tetrahydrofuran	7.836	42	536269	216.569	ug/l	#	78
30) Chloroform	7.965	83	579573	45.241	ug/l		97
31) Cyclohexane	8.259	56	477462	44.248	ug/l	#	78
32) 1,1,1-Trichloroethane	8.171	97	534685	46.003	ug/l		91
36) 1,1-Dichloropropene	8.371	75	436734	46.530	ug/l		96
37) Ethyl Acetate	7.559	43	351143	43.689	ug/l		98
38) Carbon Tetrachloride	8.359	117	465378	45.261	ug/l		99
39) Methylcyclohexane	9.600	83	508162	48.480	ug/l	#	85
40) Benzene	8.606	78	1266386	46.150	ug/l		97

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Instrument :
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Manual Integrations APPROVED
Reviewed By :John Carlone 03/20/2024
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.777	41	203986	47.991	ug/l		93
42) 1,2-Dichloroethane	8.671	62	445619	46.144	ug/l		99
43) Isopropyl Acetate	8.688	43	648255	48.658	ug/l	#	95
44) Trichloroethene	9.353	130	351161	45.500	ug/l		97
45) 1,2-Dichloropropane	9.624	63	320174	48.144	ug/l		98
46) Dibromomethane	9.706	93	228119	45.168	ug/l	#	86
47) Bromodichloromethane	9.888	83	453349	45.911	ug/l	#	95
48) Methyl methacrylate	9.683	41	289461	47.105	ug/l	#	85
49) 1,4-Dioxane	9.694	88	121601	823.448	ug/l	#	82
51) 4-Methyl-2-Pentanone	10.447	43	1813840	223.120	ug/l		91
52) Toluene	10.630	92	809687	46.424	ug/l		100
53) t-1,3-Dichloropropene	10.835	75	500838	46.972	ug/l		99
54) cis-1,3-Dichloropropene	10.312	75	535622	46.853	ug/l		89
55) 1,1,2-Trichloroethane	11.018	97	316063	45.029	ug/l		95
56) Ethyl methacrylate	10.877	69	473807	45.787	ug/l	#	84
57) 1,3-Dichloropropane	11.165	76	540603	46.982	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	1216300	275.393	ug/l	#	85
59) 2-Hexanone	11.194	43	1340783	223.077	ug/l		92
60) Dibromochloromethane	11.359	129	348196	45.107	ug/l		100
61) 1,2-Dibromoethane	11.471	107	325681	45.511	ug/l		97
64) Tetrachloroethene	11.106	164	344800	45.821	ug/l		89
65) Chlorobenzene	11.894	112	860987	46.265	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.965	131	318211	46.135	ug/l		97
67) Ethyl Benzene	11.965	91	1575297	48.730	ug/l		97
68) m/p-Xylenes	12.071	106	1187611	97.997	ug/l		96
69) o-Xylene	12.400	106	578708	48.642	ug/l		96
70) Styrene	12.412	104	957927	49.923	ug/l		97
71) Bromoform	12.582	173	238224	45.962	ug/l	#	99
73) Isopropylbenzene	12.694	105	1515713	47.915	ug/l		97
74) N-amyl acetate	12.494	43	556224	48.588	ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	390222	41.956	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	370766m	41.767	ug/l		
77) Bromobenzene	12.982	156	344991	44.149	ug/l		73
78) n-propylbenzene	13.035	91	1804688	48.309	ug/l		95
79) 2-Chlorotoluene	13.123	91	1056879	47.269	ug/l		93
80) 1,3,5-Trimethylbenzene	13.176	105	1278878	48.947	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.735	75	144220	43.903	ug/l		92
82) 4-Chlorotoluene	13.223	91	1050026	47.634	ug/l		95
83) tert-Butylbenzene	13.441	119	1087825	48.282	ug/l		93
84) 1,2,4-Trimethylbenzene	13.482	105	1295970	49.351	ug/l		95
85) sec-Butylbenzene	13.618	105	1547486	48.046	ug/l		93
86) p-Isopropyltoluene	13.729	119	1318536	50.080	ug/l		97
87) 1,3-Dichlorobenzene	13.735	146	641396	44.674	ug/l		96
88) 1,4-Dichlorobenzene	13.812	146	679487	45.707	ug/l		95
89) n-Butylbenzene	14.059	91	1175855	50.366	ug/l		97
90) Hexachloroethane	14.335	117	227448	45.615	ug/l		86
91) 1,2-Dichlorobenzene	14.106	146	629341	45.543	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	87301	44.106	ug/l		73
93) 1,2,4-Trichlorobenzene	15.394	180	374946	46.926	ug/l		98
94) Hexachlorobutadiene	15.506	225	147457	42.062	ug/l		96
95) Naphthalene	15.641	128	1276435	49.301	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	365137	45.432	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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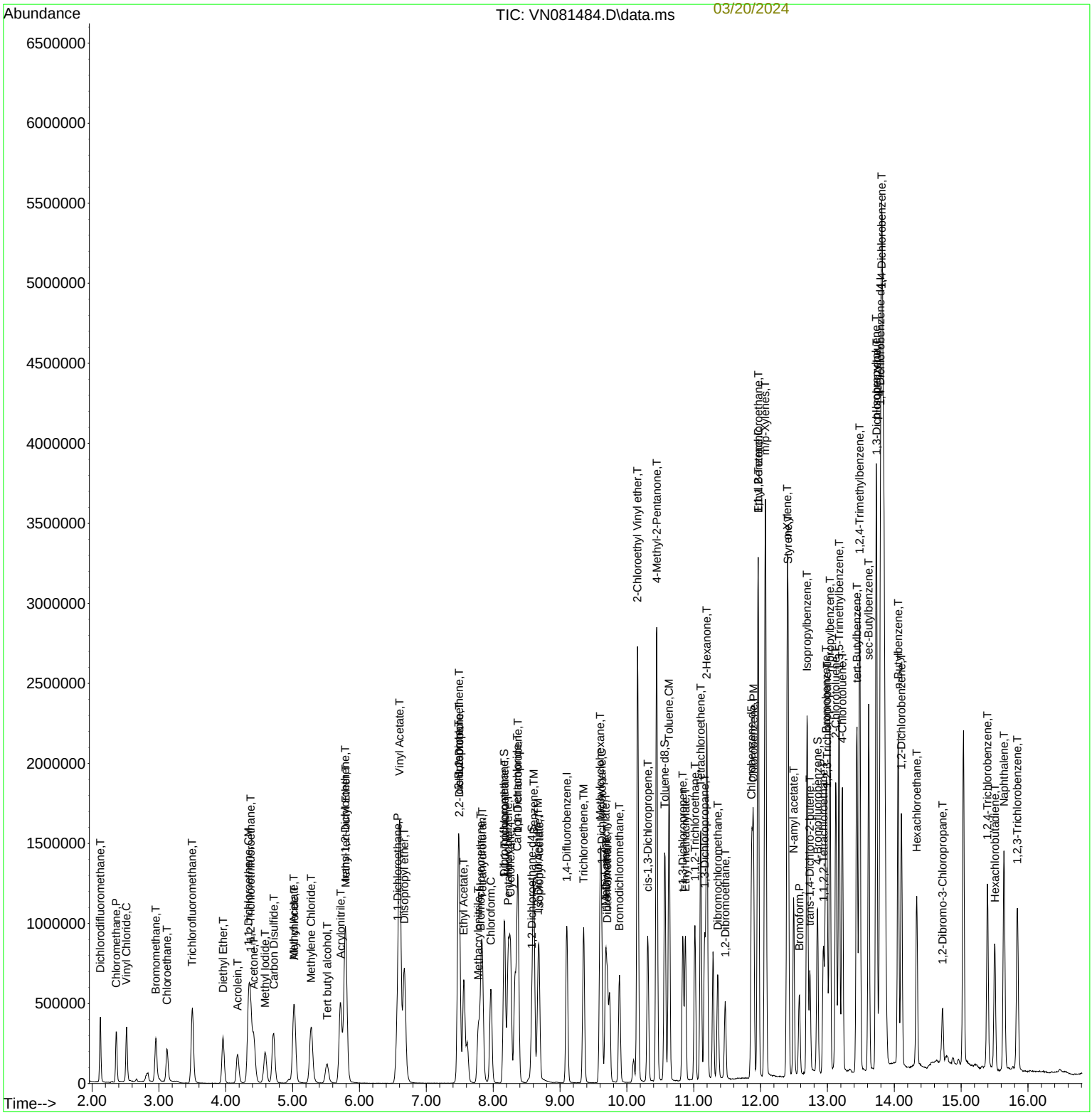
03/20/2024

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