Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091020\
Data File : VL035581.D
Acq On : 10 Sep 2020 12:07
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 11 08:22:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Aug 2
QLast Update : Thu Aug 27 06:46:28 2020
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Manual Integrations APPROVED
MMDadoda
9/11/2020 2:03:10 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1152701	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	4986606	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.09	117	5175465m	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	3768857	10.25	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.03	85	1673447	8.377	ppbv	99
3) Chlorodifluoromethane	2.97	51	1211370	9.502	ppbv	99
4) Chloromethane	3.12	50	641362	9.390	ppbv	100
5) Vinyl Chloride	3.24	62	767694	9.117	ppbv	100
6) Bromomethane	3.46	94	677720	9.582	ppbv	98
7) Chloroethane	3.54	64	292020	9.809	ppbv	97
8) Dichlorotetrafluoroethane	3.17	85	2212955	9.147	ppbv	95
9) Propene	2.99	41	459415	9.347	ppbv	100
10) Heptane	8.12	43	1277476	9.677	ppbv	99
11) Trichlorofluoromethane	3.94	101	2557617	8.779	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1944897	8.845	ppbv	92
13) Ethanol	3.59	45	103612	8.503	ppbv	99
14) Bromoethene	3.73	108	933856	9.867	ppbv	98
15) Acetone	3.84	43	1033897	8.132	ppbv	99
16) 1,3-Butadiene	3.31	39	453344	9.579	ppbv	97
17) tert-Butyl alcohol	4.28	59	1564278	10.108	ppbv	100
18) 1,1-Dichloroethene	4.28	96	929110	9.596	ppbv	96
19) Isopropyl Alcohol	3.95	45	734888	9.690	ppbv	100
20) Methylene Chloride	4.33	84	825708	8.720	ppbv	96
21) Allyl Chloride	4.40	41	628453	10.551	ppbv	99
22) trans-1,2-Dichloroethene	4.87	96	950277	9.219	ppbv	93
23) Vinyl Acetate	5.06	43	1626450	9.968	ppbv	99
24) 1,1-Dichloroethane	5.00	63	1596171	9.505	ppbv	99
25) Ethyl Acetate	5.67	43	2125811	9.465	ppbv	100
26) Hexane	5.68	57	1227155	9.643	ppbv	98
27) Carbon Disulfide	4.54	76	2003754	10.973	ppbv	100
28) Methyl tert-Butyl Ether	5.02	73	2244299	10.119	ppbv	100
29) Chloroform	5.74	83	2480393	9.566	ppbv	99
30) Cyclohexane	7.12	84	1400645	10.274	ppbv	99
31) cis-1,2-Dichloroethene	5.54	61	1330245	10.189	ppbv	99
32) 1,1,1-Trichloroethane	6.51	97	2488096	9.892	ppbv	100
34) 2-Butanone	5.23	43	1462185	9.880	ppbv	99
35) Carbon Tetrachloride	7.01	117	2561828	10.222	ppbv	100
36) Benzene	6.89	78	3220169	9.976	ppbv	100
37) 1,2-Dichloroethane	6.30	62	1520367	9.879	ppbv	100
38) Trichloroethene	7.83	130	1679640	8.958	ppbv	97
39) 1,2-Dichloropropane	7.61	63	1078550	9.891	ppbv	99
40) 1,4-Dioxane	7.83	88	524978	9.638	ppbv	81
41) Tetrahydrofuran	6.04	42	831970	10.602	ppbv	98
42) Bromodichloromethane	7.79	83	2644153	10.625	ppbv	99
43) Methyl Methacrylate	8.01	69	1337009	10.712	ppbv	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	4078904	9.604	ppbv	100
45) t-1,3-Dichloropropene	9.28	75	1519214	12.015	ppbv	100
46) cis-1,3-Dichloropropene	8.70	75	1809848	11.528	ppbv	97
47) 1,1,2-Trichloroethane	9.47	97	1583137	9.839	ppbv	98
48) Dibromochloromethane	10.30	129	2721120	10.746	ppbv	100
49) Bromoform	13.04	173	2511435	10.943	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	2180844	10.177	ppbv	99
51) 2-Hexanone	10.13	43	1876971	10.678	ppbv	98
52) Tetrachloroethene	11.22	164	1667731	8.844	ppbv	99
53) Toluene	9.81	91	4083790	10.061	ppbv	100
54) 1,2-Dibromoethane	10.61	107	2538235	9.984	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.13	131	2131865	10.123	ppbv	96
57) Chlorobenzene	12.15	112	3486876	9.154	ppbv	98
58) Ethyl Benzene	12.71	91	5307635	9.945	ppbv	100
59) m/p-Xylene	13.00	91	8937858m	20.042	ppbv	
60) o-Xylene	13.70	91	4369201	9.728	ppbv	100
61) Styrene	13.53	104	3595066	10.466	ppbv	99
62) Isopropylbenzene	14.67	105	6693648	9.278	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.68	83	3147753	9.039	ppbv	100
64) n-propylbenzene	15.57	120	2143333	9.735	ppbv	98
65) tert-Butylbenzene	16.75	119	6338603	9.451	ppbv	99
66) Benzyl Chloride	17.00	91	2228085	13.367	ppbv	99
67) sec-Butylbenzene	17.30	105	8222639	9.202	ppbv	99
69) p-Isopropyltoluene	17.66	119	7251623	9.252	ppbv	99
70) n-Butylbenzene	18.56	91	7090504	9.392	ppbv	99
71) 2-Chlorotoluene	15.46	91	5156235	9.814	ppbv	99
72) 4-Ethyltoluene	15.85	105	5559581	9.736	ppbv	100
73) 1,3,5-Trimethylbenzene	16.00	105	5156949	9.764	ppbv	100
74) 1,2,4-Trimethylbenzene	16.77	105	5382956	9.281	ppbv	99
75) 1,3-Dichlorobenzene	17.00	146	3832383	8.920	ppbv	99
76) 1,4-Dichlorobenzene	17.15	146	3862676	9.117	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	3797327	9.123	ppbv	99
78) Hexachloro-1,3-Butadiene	23.39	225	2317384	8.721	ppbv	100
79) Naphthalene	22.21	128	6511531	10.118	ppbv	99
80) Naphthalene,2-methyl-	24.98	142	2684018	12.219	ppbv	99
81) 1,2,4-Trichlorobenzene	21.94	180	3640927	9.447	ppbv	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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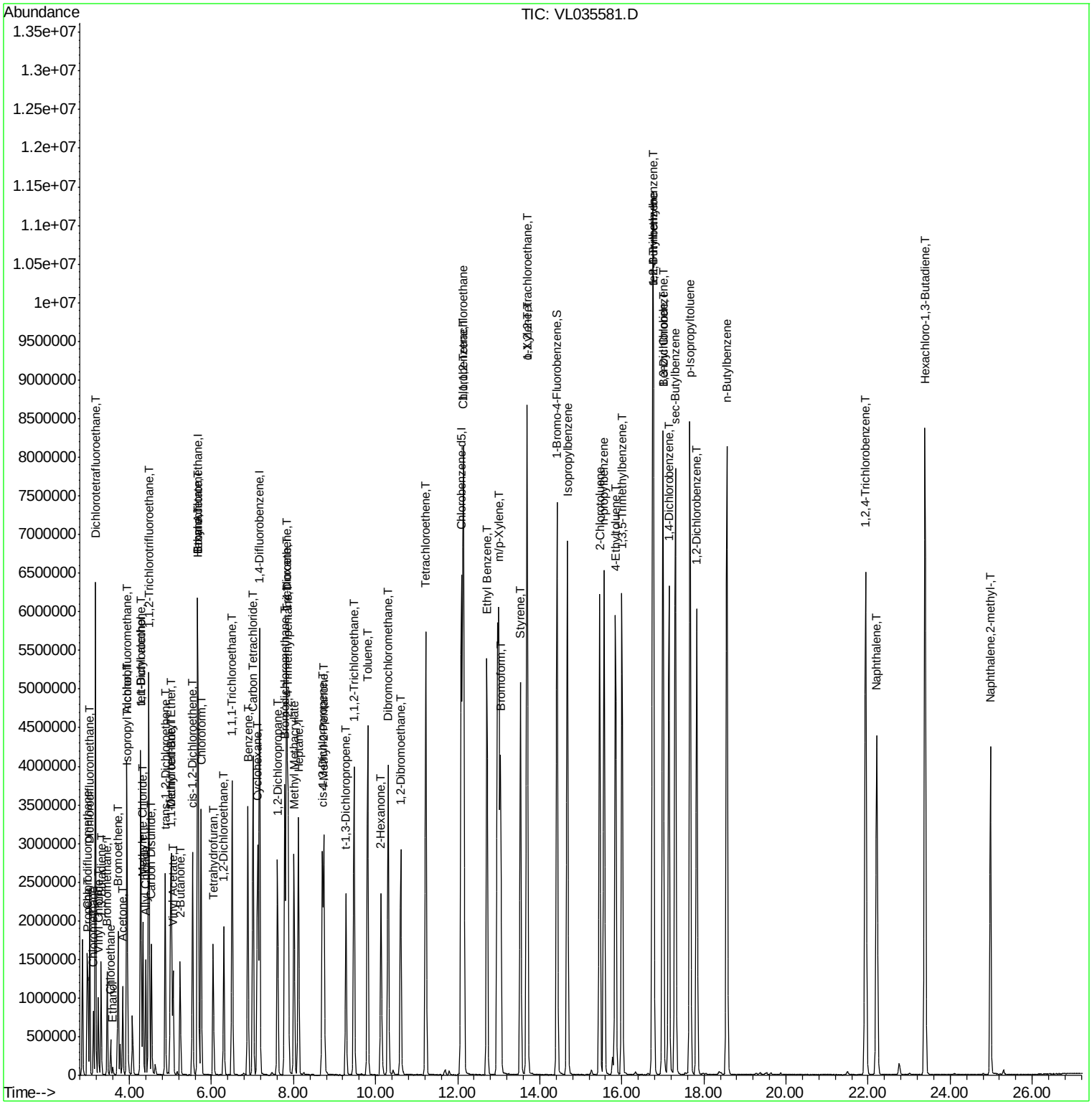
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