Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060520\
Data File : VD065772.D
Acq On : 05 Jun 2020 12:45
Operator : VA/SY
Sample : VSTDICC150
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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6/5/2020 4:12:48 PM

Quant Time: Jun 05 13:06:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 05 12:42:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	248387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	375905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	349406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	177868	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	338631	136.19	ug/l	0.00
Spiked Amount 50.000			Recovery =	272.38%		
35) Dibromofluoromethane	7.92	113	339977	142.68	ug/l	0.00
Spiked Amount 50.000			Recovery =	285.36%		
50) Toluene-d8	10.34	98	1338070	154.33	ug/l	0.00
Spiked Amount 50.000			Recovery =	308.66%		
62) 4-Bromofluorobenzene	12.64	95	446939	151.92	ug/l	0.00
Spiked Amount 50.000			Recovery =	303.84%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	239008	118.04	ug/l	99
3) Chloromethane	2.21	50	377336	109.69	ug/l	99
4) Vinyl Chloride	2.35	62	457282	116.43	ug/l	97
5) Bromomethane	2.74	94	318398	115.85	ug/l	92
6) Chloroethane	2.91	64	310434	117.25	ug/l	97
7) Trichlorofluoromethane	3.27	101	541788	122.72	ug/l	99
8) Diethyl Ether	3.71	74	152217	136.17	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	326408	124.49	ug/l	99
10) Methyl Iodide	4.30	142	407940	178.38	ug/l	98
11) Tert butyl alcohol	5.23	59	91828	455.80	ug/l	98
12) 1,1-Dichloroethene	4.07	96	308534	131.15	ug/l	98
13) Acrolein	3.92	56	83397	563.95	ug/l	95
14) Allyl chloride	4.71	41	521670	136.68	ug/l	99
15) Acrylonitrile	5.43	53	345227	681.90	ug/l	100
16) Acetone	4.16	43	324998	690.06	ug/l	99
17) Carbon Disulfide	4.41	76	1020929	128.68	ug/l	99
18) Methyl Acetate	4.71	43	147398	113.74	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	728607	140.71	ug/l	99
20) Methylene Chloride	4.97	84	342661	111.10	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	371460	136.51	ug/l	97
22) Diisopropyl ether	6.36	45	1064285	138.74	ug/l	95
23) Vinyl Acetate	6.31	43	3185160	758.07	ug/l	99
24) 1,1-Dichloroethane	6.26	63	628363	132.28	ug/l	99
25) 2-Butanone	7.21	43	448653	692.04	ug/l	92
26) 2,2-Dichloropropane	7.21	77	553198	131.06	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	403349	139.17	ug/l	99
28) Bromochloromethane	7.55	49	249442	139.22	ug/l	93
29) Tetrahydrofuran	7.56	42	288351	706.61	ug/l	98
30) Chloroform	7.71	83	652283	132.83	ug/l	98
31) Cyclohexane	7.98	56	572047	122.39	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	601315	132.86	ug/l	97
36) 1,1-Dichloropropene	8.11	75	511421	138.38	ug/l	99
37) Ethyl Acetate	7.29	43	202219	140.71	ug/l	99
38) Carbon Tetrachloride	8.10	117	547578	141.26	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.36	83	640850	149.35	ug/l		99
40) Benzene	8.36	78	1425096	142.70	ug/l		98
41) Methacrylonitrile	7.54	41	118454m	132.17	ug/l		
42) 1,2-Dichloroethane	8.43	62	410414	134.25	ug/l		99
43) Isopropyl Acetate	8.46	43	419087	148.60	ug/l		99
44) Trichloroethene	9.11	130	402576	145.14	ug/l		100
45) 1,2-Dichloropropane	9.39	63	353175	139.88	ug/l		99
46) Dibromomethane	9.48	93	193853	142.38	ug/l		100
47) Bromodichloromethane	9.67	83	514513	140.34	ug/l		99
48) Methyl methacrylate	9.46	41	205264	148.71	ug/l		97
49) 1,4-Dioxane	9.46	88	41400	2893.30	ug/l		98
51) 4-Methyl-2-Pentanone	10.23	43	1021320	742.90	ug/l		99
52) Toluene	10.41	92	957564	149.67	ug/l		98
53) t-1,3-Dichloropropene	10.63	75	492573	152.48	ug/l		99
54) cis-1,3-Dichloropropene	10.09	75	575812	150.43	ug/l		98
55) 1,1,2-Trichloroethane	10.80	97	260412	144.01	ug/l		99
56) Ethyl methacrylate	10.67	69	332419	162.19	ug/l		98
57) 1,3-Dichloropropane	10.95	76	448978	143.33	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.94	63	741241	771.54	ug/l		100
59) 2-Hexanone	10.99	43	703546	767.83	ug/l		98
60) Dibromochloromethane	11.14	129	353717	145.39	ug/l		97
61) 1,2-Dibromoethane	11.25	107	259777	147.48	ug/l		99
64) Tetrachloroethene	10.88	164	344064	142.24	ug/l		97
65) Chlorobenzene	11.67	112	1000567	144.73	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.75	131	375827	146.76	ug/l		98
67) Ethyl Benzene	11.75	91	1836664	150.27	ug/l		97
68) m/p-Xylenes	11.86	106	1411430	299.95	ug/l		100
69) o-Xylene	12.18	106	657235	157.38	ug/l		99
70) Styrene	12.20	104	1132683	157.01	ug/l		99
71) Bromoform	12.37	173	209182	149.50	ug/l	#	99
73) Isopropylbenzene	12.48	105	1806832	150.81	ug/l		100
74) N-amyl acetate	12.29	43	396485	149.19	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.74	83	279142	134.04	ug/l		98
76) 1,2,3-Trichloropropane	12.79	75	209269m	150.20	ug/l		
77) Bromobenzene	12.77	156	419724	147.75	ug/l		98
78) n-propylbenzene	12.83	91	2114729	145.44	ug/l		98
79) 2-Chlorotoluene	12.91	91	1153221	144.49	ug/l		100
80) 1,3,5-Trimethylbenzene	12.97	105	1493162	149.87	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.53	75	98375	155.81	ug/l		95
82) 4-Chlorotoluene	13.01	91	1216533	141.11	ug/l		99
83) tert-Butylbenzene	13.23	119	1310399	152.03	ug/l		99
84) 1,2,4-Trimethylbenzene	13.27	105	1489029	149.30	ug/l		99
85) sec-Butylbenzene	13.41	105	1784947	147.72	ug/l		100
86) p-Isopropyltoluene	13.52	119	1674386	152.62	ug/l		99
87) 1,3-Dichlorobenzene	13.52	146	804641	141.90	ug/l		100
88) 1,4-Dichlorobenzene	13.60	146	798365	141.13	ug/l		98
89) n-Butylbenzene	13.85	91	1561409	148.04	ug/l		99
90) Hexachloroethane	14.12	117	323639	145.17	ug/l		95
91) 1,2-Dichlorobenzene	13.90	146	695848	143.10	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	45718	132.70	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	500042	155.22	ug/l	99
94) Hexachlorobutadiene	15.27	225	296742	149.58	ug/l	98
95) Naphthalene	15.41	128	868350	161.52	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	434158	156.76	ug/l	98

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

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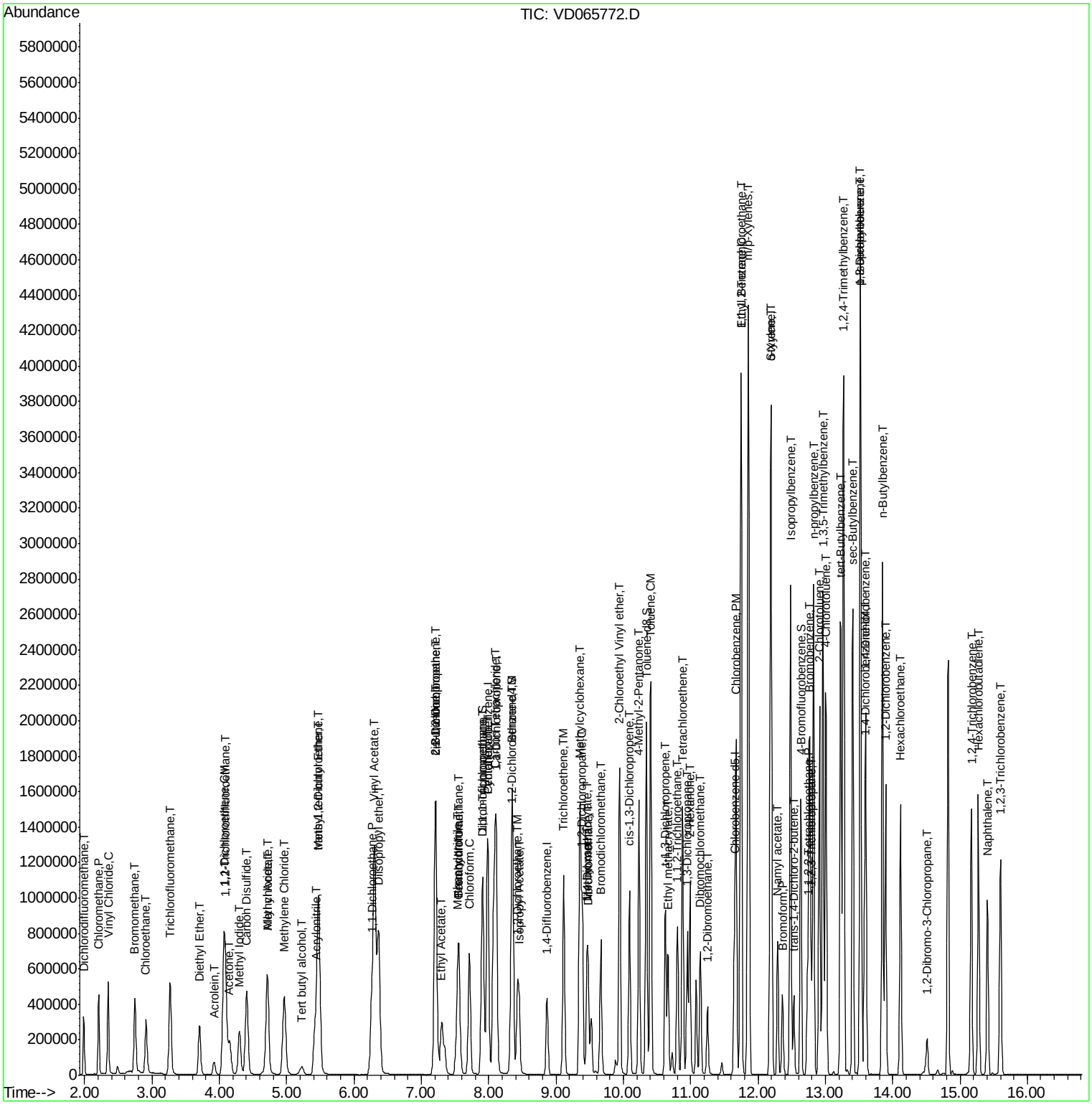
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