Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122118\
Data File : VD060676.D
Acq On : 21 Dec 2018 11:19
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
MMDadoda
12/26/2018 10:57:37 AM

Quant Time: Dec 21 13:55:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 03:34:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	6.44	168	1395853	50.00	ug/l		0.04
34) 1,4-Difluorobenzene	7.48	114	1930219	50.00	ug/l		0.04
63) Chlorobenzene-d5	11.31	117	1584461	50.00	ug/l		0.03
72) 1,4-Dichlorobenzene-d4	13.39	152	849073	50.00	ug/l		0.02
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.82	65	507405	52.60	ug/l		0.03
Spiked Amount 50.000			Recovery = 105.20%				
35) Dibromofluoromethane	6.36	113	737534	52.20	ug/l		0.03
Spiked Amount 50.000			Recovery = 104.40%				
50) Toluene-d8	9.49	98	2243080	53.21	ug/l		0.04
Spiked Amount 50.000			Recovery = 106.42%				
62) 4-Bromofluorobenzene	12.45	95	785819	53.23	ug/l		0.03
Spiked Amount 50.000			Recovery = 106.46%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.61	85	991662	55.601	ug/l		98
3) Chloromethane	1.78	50	812311	49.488	ug/l		99
4) Vinyl Chloride	1.88	62	686560	52.683	ug/l		99
5) Bromomethane	2.17	94	183565	62.882	ug/l		97
6) Chloroethane	2.28	64	235627	60.585	ug/l		96
7) Trichlorofluoromethane	2.54	101	786348	54.249	ug/l		99
8) Diethyl Ether	2.85	74	129692	53.478	ug/l		100
9) 1,1,2-Trichlorotrifluoroet	3.13	101	498453	53.013	ug/l		97
10) Methyl Iodide	3.27	142	546542	55.309	ug/l		98
11) Tert butyl alcohol	4.00	59	110400	273.849	ug/l	#	91
12) 1,1-Dichloroethene	3.11	96	407428	52.737	ug/l		92
13) Acrolein	3.02	56	87900	213.962	ug/l		97
14) Allyl chloride	3.57	41	780265	55.041	ug/l		99
15) Acrylonitrile	4.12	53	616060	263.218	ug/l		96
16) Acetone	3.19	43	451676	268.121	ug/l		99
17) Carbon Disulfide	3.35	76	1284849	52.075	ug/l		100
18) Methyl Acetate	3.59	43	226454	54.241	ug/l		99
19) Methyl tert-butyl Ether	4.16	73	1062305	54.198	ug/l		100
20) Methylene Chloride	3.76	84	810162	46.309	ug/l		97
21) trans-1,2-Dichloroethene	4.14	96	824783	52.130	ug/l		98
22) Diisopropyl ether	4.89	45	2561854	53.226	ug/l		97
23) Vinyl Acetate	4.84	43	6216961	266.978	ug/l		100
24) 1,1-Dichloroethane	4.79	63	1299381	51.324	ug/l		99
25) 2-Butanone	5.66	43	890536	276.255	ug/l		98
26) 2,2-Dichloropropane	5.63	77	1082604	54.173	ug/l		100
27) cis-1,2-Dichloroethene	5.63	96	842361	52.447	ug/l		97
28) Bromochloromethane	5.96	49	573795	53.649	ug/l		95
29) Tetrahydrofuran	5.99	42	479884	262.596	ug/l		99
30) Chloroform	6.14	83	1370402	53.794	ug/l		100
31) Cyclohexane	6.40	56	1228135	50.408	ug/l		98
32) 1,1,1-Trichloroethane	6.33	97	1123712	53.317	ug/l		97
36) 1,1-Dichloropropene	6.56	75	1027831	51.712	ug/l		99
37) Ethyl Acetate	5.74	43	426197	51.271	ug/l		97
38) Carbon Tetrachloride	6.54	117	929660	53.018	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	8.08	83	1222422	53.926	ug/l		99
40) Benzene	6.83	78	2732574	53.224	ug/l		99
41) Methacrylonitrile	5.95	41	203142m	44.180	ug/l		
42) 1,2-Dichloroethane	6.93	62	676768	53.119	ug/l		99
43) Isopropyl Acetate	8.38	43	579734	54.346	ug/l		100
44) Trichloroethene	7.77	130	828936	54.551	ug/l		95
45) 1,2-Dichloropropane	8.14	63	659925	52.413	ug/l		99
46) Dibromomethane	8.25	93	379775	52.849	ug/l		99
47) Bromodichloromethane	8.52	83	925041	54.350	ug/l		99
48) Methyl methacrylate	8.27	41	345360	53.304	ug/l		99
49) 1,4-Dioxane	8.26	88	65937	1094.545	ug/l		95
51) 4-Methyl-2-Pentanone	9.38	43	1767434	270.430	ug/l		100
52) Toluene	9.58	92	1654758	51.414	ug/l		99
53) t-1,3-Dichloropropene	9.95	75	778809	54.848	ug/l		98
54) cis-1,3-Dichloropropene	9.14	75	1007442	54.205	ug/l		99
55) 1,1,2-Trichloroethane	10.21	97	453199	52.334	ug/l		98
56) Ethyl methacrylate	10.07	69	451277	56.105	ug/l		97
57) 1,3-Dichloropropane	10.41	76	722586	52.643	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.95	63	1152908	243.262	ug/l		97
59) 2-Hexanone	10.52	43	1287934	281.533	ug/l		98
60) Dibromochloromethane	10.67	129	603264	54.691	ug/l		96
61) 1,2-Dibromoethane	10.78	107	480092	53.449	ug/l		97
64) Tetrachloroethene	10.28	164	759188	52.865	ug/l		98
65) Chlorobenzene	11.33	112	1787658	51.067	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.44	131	604754	53.729	ug/l		98
67) Ethyl Benzene	11.45	91	3076047	51.308	ug/l		100
68) m/p-Xylenes	11.59	106	2304752	105.193	ug/l		99
69) o-Xylene	11.95	106	1075144	51.723	ug/l		90
70) Styrene	11.97	104	1764630	52.710	ug/l		96
71) Bromoform	12.14	173	412103	55.466	ug/l		96
73) Isopropylbenzene	12.30	105	3022089	49.991	ug/l		99
74) N-amyl acetate	12.15	43	731070	51.240	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.58	83	494209	50.436	ug/l		98
76) 1,2,3-Trichloropropane	12.61	75	492809	50.981	ug/l		100
77) Bromobenzene	12.56	156	806784	50.549	ug/l		90
78) n-propylbenzene	12.66	91	3748896	48.507	ug/l		99
79) 2-Chlorotoluene	12.72	91	2068948	49.981	ug/l		95
80) 1,3,5-Trimethylbenzene	12.81	105	2338814	50.102	ug/l		97
81) trans-1,4-Dichloro-2-buten	12.37	75	143107	53.576	ug/l		93
82) 4-Chlorotoluene	12.83	91	2279713	48.589	ug/l		93
83) tert-Butylbenzene	13.07	119	2706751	50.950	ug/l		96
84) 1,2,4-Trimethylbenzene	13.12	105	2426436	50.468	ug/l		98
85) sec-Butylbenzene	13.24	105	3229297	49.843	ug/l		96
86) p-Isopropyltoluene	13.36	119	2616248	50.025	ug/l		99
87) 1,3-Dichlorobenzene	13.33	146	1473585	50.295	ug/l		98
88) 1,4-Dichlorobenzene	13.41	146	1465972	50.776	ug/l		98
89) n-Butylbenzene	13.67	91	2664292	49.852	ug/l		99
90) Hexachloroethane	13.87	117	650543	50.634	ug/l		87
91) 1,2-Dichlorobenzene	13.68	146	1175128	50.000	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	58074	50.448	ug/l	#	51

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.81	180	971476	51.946	ug/l	100
94) Hexachlorobutadiene	14.90	225	722834	52.291	ug/l	98
95) Naphthalene	14.99	128	1153130	51.879	ug/l	99
96) 1,2,3-Trichlorobenzene	15.13	180	789323	53.992	ug/l	99

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

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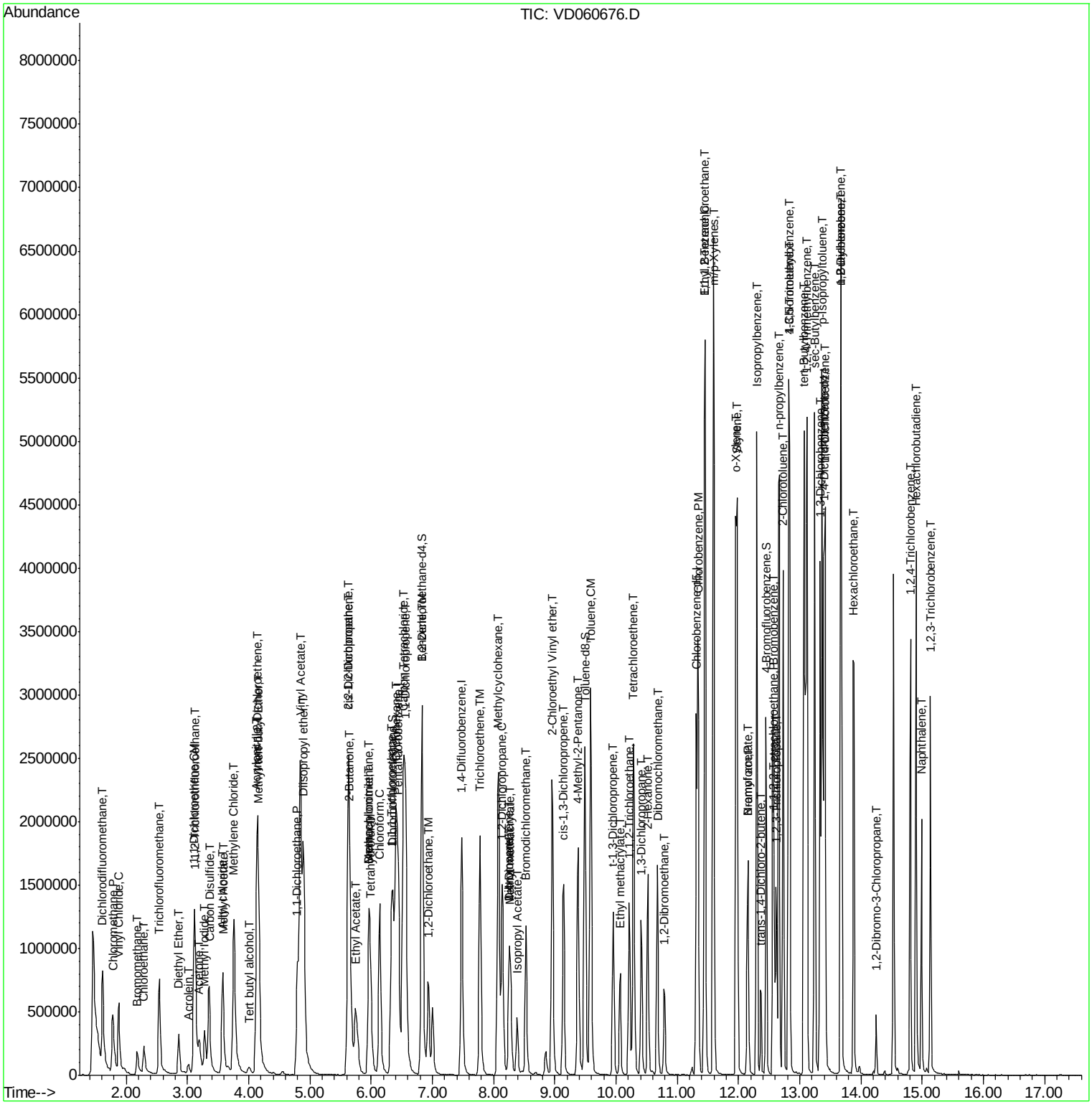
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