Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_T\DATA\VT051018\
Data File : VT019071.D
Acq On : 10 May 2018 12:43
Operator : SY/MD
Sample : J2133-01LOD/MDL
Misc : 5.00g/5mL/MSVOA_T/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_T
ClientSampleId : LOD-MDL-SOIL-01-QT2-2018DL

Quant Time: May 10 18:02:42 2018
Quant Method : W:\HPCHEM1\MSVOA_T\METHODS\2015\82T050818S.M
Quant Title : SW846 8260
QLast Update : Thu May 10 07:01:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.44	168	844915	50.00	ug/l		0.00
33) 1,4-Difluorobenzene	8.38	114	1493671	50.00	ug/l		0.00
62) Chlorobenzene-d5	11.22	117	1253589	50.00	ug/l		0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	555663	50.00	ug/l		0.00
System Monitoring Compounds							
32) 1,2-Dichloroethane-d4	7.80	65	460084	57.36	ug/l		0.00
Spiked Amount 50.000			Recovery =	114.72%			
34) Dibromofluoromethane	7.35	113	438293	52.40	ug/l		0.00
Spiked Amount 50.000			Recovery =	104.80%			
49) Toluene-d8	9.90	98	1998262	55.69	ug/l		0.00
Spiked Amount 50.000			Recovery =	111.38%			
61) 4-Bromofluorobenzene	12.22	95	656571	48.60	ug/l		0.00
Spiked Amount 50.000			Recovery =	97.20%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.78	85	35310	3.27	ug/l		84
3) Chloromethane	1.95	50	14422	3.92	ug/l	#	85
4) Vinyl Chloride	2.09	62	20508	3.44	ug/l	#	88
5) Bromomethane	2.44	94	14641	3.01	ug/l	#	64
6) Chloroethane	2.57	64	10526	2.88	ug/l		98
7) Trichlorofluoromethane	2.85	101	42542m	2.66	ug/l		
8) Diethyl Ether	3.22	74	7295	3.00	ug/l		89
9) 1,1,2-Trichlorotrifluoroet	3.58	101	24913	3.21	ug/l	#	79
10) Methyl Iodide	3.76	142	33616	2.99	ug/l	#	90
11) Tert butyl alcohol	4.55	59	5365	13.23	ug/l	#	1
12) 1,1-Dichloroethene	3.56	96	24430	3.55	ug/l		84
13) Acrolein	3.41	56	3361	16.97	ug/l		90
14) Allyl chloride	4.06	41	37168	2.50	ug/l	#	85
15) Acrylonitrile	4.69	53	20499	13.12	ug/l	#	78
16) Acetone	3.60	43	15501	18.21	ug/l		92
18) Methyl Acetate	4.06	43	11966	2.74	ug/l	#	39
19) Methyl tert-butyl Ether	4.75	73	35378	2.05	ug/l		99
20) Methylene Chloride	4.27	84	30705m	3.35	ug/l		
21) trans-1,2-Dichloroethene	4.75	96	25444	2.50	ug/l		94
22) Diisopropyl ether	5.69	45	56239	2.04	ug/l	#	86
23) Vinyl Acetate	5.60	43	117737	9.62	ug/l		96
24) 1,1-Dichloroethane	5.57	63	47592	2.47	ug/l	#	94
25) 2-Butanone	6.57	43	23925	12.48	ug/l		94
26) 2,2-Dichloropropane	6.55	77	24355	3.13	ug/l		82
27) cis-1,2-Dichloroethene	6.55	96	22244	2.23	ug/l		86
28) Bromochloromethane	6.94	49	13699	2.14	ug/l	#	87
29) Chloroform	7.13	83	46820	2.60	ug/l		93
30) Cyclohexane	7.44	56	72297	3.46	ug/l	#	66
31) 1,1,1-Trichloroethane	7.33	97	31082	2.23	ug/l	#	84
35) 1,1-Dichloropropene	7.57	75	42118	2.45	ug/l		94
36) Ethyl Acetate	6.68	43	8886	2.00	ug/l	#	94
37) Carbon Tetrachloride	7.54	117	32016	2.28	ug/l		95
38) Methylcyclohexane	8.88	83	43603	2.12	ug/l	#	85
39) Benzene	7.82	78	113590	2.53	ug/l	#	1

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
40) Methacrylonitrile	6.98	41	15800	6.78 ug/l #	47
41) 1,2-Dichloroethane	7.91	62	25805	2.64 ug/l	90
42) Isopropyl Acetate	7.96	43	14188	1.86 ug/l #	83
43) Trichloroethene	8.63	130	22310	2.16 ug/l	88
44) 1,2-Dichloropropane	8.92	63	24290	2.30 ug/l	97
45) Dibromomethane	9.01	93	11053	2.67 ug/l	90
46) Bromodichloromethane	9.21	83	28387	2.36 ug/l #	77
47) Methyl methacrylate	9.01	41	10368	2.63 ug/l #	70
48) 1,4-Dioxane	9.00	88	2415	39.89 ug/l #	17
50) 4-Methyl-2-Pentanone	9.80	43	44114	10.53 ug/l	93
51) Toluene	9.97	92	65297	2.51 ug/l	95
52) t-1,3-Dichloropropene	10.19	75	20235	1.85 ug/l	89
53) cis-1,3-Dichloropropene	9.65	75	25440	1.82 ug/l #	85
54) 1,1,2-Trichloroethane	10.38	97	11849	1.88 ug/l	89
55) Ethyl methacrylate	10.25	69	13490	1.79 ug/l #	74
56) 1,3-Dichloropropane	10.53	76	24134	2.14 ug/l #	74
57) 2-Chloroethyl Vinyl ether	9.51	63	26657	7.67 ug/l #	86
58) 2-Hexanone	10.57	43	33921	11.17 ug/l	88
59) Dibromochloromethane	10.73	129	12663	1.94 ug/l	98
60) 1,2-Dibromoethane	10.82	107	9601	1.77 ug/l	98
63) Tetrachloroethene	10.45	164	20668	2.41 ug/l	93
64) Chlorobenzene	11.25	112	66754	2.57 ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.33	131	17347	2.06 ug/l	91
66) Ethyl Benzene	11.33	91	120108	2.41 ug/l	97
67) m/p-Xylenes	11.45	106	86232	4.66 ug/l	98
68) o-Xylene	11.77	106	34102	1.96 ug/l	84
69) Styrene	11.79	104	54948	2.04 ug/l	95
70) Bromoform	11.95	173	5448	1.70 ug/l #	60
72) Isopropylbenzene	12.08	105	102648	2.29 ug/l	95
73) N-amyl acetate	11.90	43	18860	2.55 ug/l #	85
74) 1,1,2,2-Tetrachloroethane	12.32	83	16204	2.45 ug/l	98
75) 1,2,3-Trichloropropane	12.37	75	17689	3.74 ug/l	100
76) Bromobenzene	12.35	156	22833	2.57 ug/l	82
77) n-propylbenzene	12.42	91	157305	3.36 ug/l	97
78) 2-Chlorotoluene	12.49	91	80596	2.45 ug/l	92
79) 1,3,5-Trimethylbenzene	12.56	105	91365	2.35 ug/l	96
80) trans-1,4-Dichloro-2-buten	12.12	75	3598m	2.02 ug/l	
81) 4-Chlorotoluene	12.60	91	105461	2.64 ug/l	99
82) tert-Butylbenzene	12.82	119	91655	2.70 ug/l	98
83) 1,2,4-Trimethylbenzene	12.86	105	93743	2.37 ug/l	96
84) sec-Butylbenzene	13.00	105	121317	2.54 ug/l	95
85) p-Isopropyltoluene	13.12	119	93669	2.33 ug/l	95
86) 1,3-Dichlorobenzene	13.11	146	48018	2.56 ug/l	92
87) 1,4-Dichlorobenzene	13.19	146	52464	2.88 ug/l	92
88) n-Butylbenzene	13.44	91	109053	2.53 ug/l	90
89) Hexachloroethane	13.70	117	15687	2.25 ug/l	99
90) 1,2-Dichlorobenzene	13.47	146	37976	2.42 ug/l	97
91) 1,2-Dibromo-3-Chloropropan	14.09	75	2540	2.67 ug/l	91
92) 1,2,4-Trichlorobenzene	14.73	180	27600	2.64 ug/l	77
93) Hexachlorobutadiene	14.83	225	16263	2.13 ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
94) Naphthalene	14.94	128	36854	2.18	ug/l	#	93
95) 1,2,3-Trichlorobenzene	15.12	180	23042	2.67	ug/l		85

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

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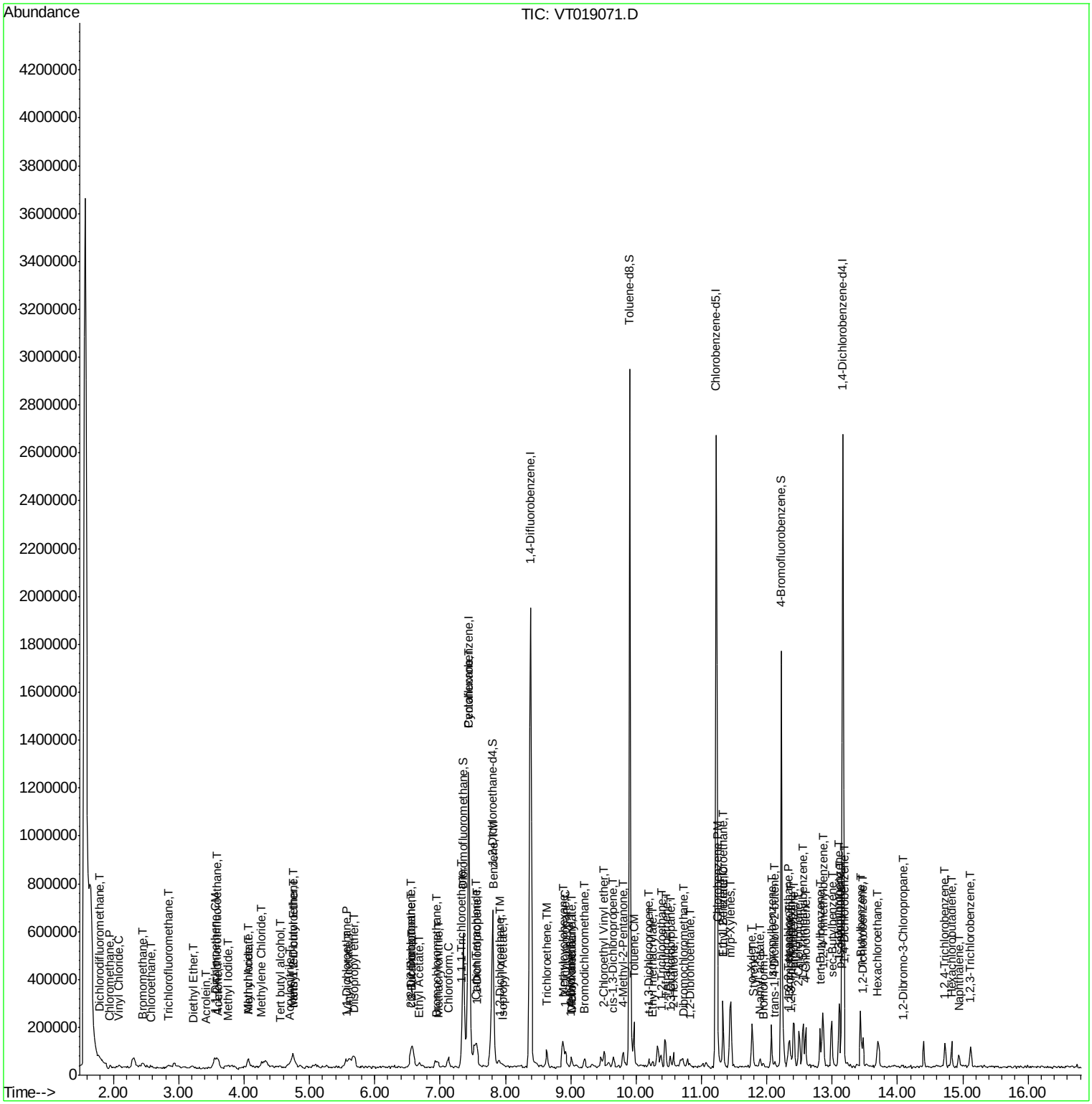
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