Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD102518\
Data File : VD060198.D
Acq On : 25 Oct 2018 16:42
Operator : JC/SY
Sample : VD1025SBSD01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1025SBSD01

Manual Integrations APPROVED
apatel
10/26/2018 10:51:00 AM

Quant Time: Oct 26 03:59:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	6.40	168	1560130	50.00	ug/l		0.02
34) 1,4-Difluorobenzene	7.44	114	2184682	50.00	ug/l		0.02
63) Chlorobenzene-d5	11.28	117	1848133	50.00	ug/l		0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	976323	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.78	65	652302	55.16	ug/l		0.02
Spiked Amount 50.000			Recovery = 110.32%				
35) Dibromofluoromethane	6.32	113	885926	53.40	ug/l		0.03
Spiked Amount 50.000			Recovery = 106.80%				
50) Toluene-d8	9.45	98	2467950	52.17	ug/l		0.02
Spiked Amount 50.000			Recovery = 104.34%				
62) 4-Bromofluorobenzene	12.43	95	940909	53.12	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.24%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.58	85	279914	19.073	ug/l		99
3) Chloromethane	1.76	50	305331	23.073	ug/l		100
4) Vinyl Chloride	1.85	62	240958	22.249	ug/l		96
5) Bromomethane	2.13	94	22725	16.712	ug/l		93
6) Chloroethane	2.24	64	51567	17.449	ug/l	#	87
7) Trichlorofluoromethane	2.50	101	269384	20.774	ug/l		98
8) Diethyl Ether	2.82	74	66193	24.824	ug/l		98
9) 1,1,2-Trichlorotrifluoroet	3.09	101	195324	24.178	ug/l		97
10) Methyl Iodide	3.24	142	172676	20.156	ug/l		96
11) Tert butyl alcohol	3.97	59	91590	107.989	ug/l		98
12) 1,1-Dichloroethene	3.07	96	150703	23.680	ug/l		92
13) Acrolein	2.98	56	41786	79.922	ug/l		97
14) Allyl chloride	3.53	41	310616	23.500	ug/l		98
15) Acrylonitrile	4.08	53	408855	116.464	ug/l		100
16) Acetone	3.16	43	318349	148.354	ug/l		99
17) Carbon Disulfide	3.30	76	472600	22.083	ug/l		99
18) Methyl Acetate	3.55	43	107956	23.407	ug/l		100
19) Methyl tert-butyl Ether	4.12	73	657616	23.502	ug/l		98
20) Methylene Chloride	3.72	84	364425	18.900	ug/l		98
21) trans-1,2-Dichloroethene	4.09	96	360846	21.954	ug/l		98
22) Diisopropyl ether	4.86	45	1352076	22.905	ug/l		97
23) Vinyl Acetate	4.80	43	3943493	118.848	ug/l		99
24) 1,1-Dichloroethane	4.75	63	604083	22.570	ug/l		99
25) 2-Butanone	5.62	43	695629	129.759	ug/l		97
26) 2,2-Dichloropropane	5.59	77	485181	23.912	ug/l		98
27) cis-1,2-Dichloroethene	5.59	96	381863	21.928	ug/l		92
28) Bromochloromethane	5.92	49	296855	22.824	ug/l		100
29) Tetrahydrofuran	5.95	42	352975	113.355	ug/l		99
30) Chloroform	6.10	83	621986	22.974	ug/l		98
31) Cyclohexane	6.36	56	547150	21.356	ug/l		98
32) 1,1,1-Trichloroethane	6.29	97	491551	22.161	ug/l		99
36) 1,1-Dichloropropene	6.52	75	452369	21.669	ug/l		97
37) Ethyl Acetate	5.69	43	321662	23.213	ug/l		95
38) Carbon Tetrachloride	6.49	117	409787	21.627	ug/l		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	8.04	83	520416	21.940	ug/l		98
40) Benzene	6.79	78	1148663	21.031	ug/l		100
41) Methacrylonitrile	5.91	41	163535m	20.880	ug/l		
42) 1,2-Dichloroethane	6.89	62	362307	23.138	ug/l		99
43) Isopropyl Acetate	8.35	43	408881	22.429	ug/l	#	99
44) Trichloroethene	7.74	130	359229	21.248	ug/l		99
45) 1,2-Dichloropropane	8.10	63	324677	22.703	ug/l		98
46) Dibromomethane	8.21	93	205238	22.167	ug/l		92
47) Bromodichloromethane	8.49	83	449906	22.806	ug/l		96
48) Methyl methacrylate	8.24	41	235980	22.725	ug/l		98
49) 1,4-Dioxane	8.22	88	46043	450.634	ug/l	#	90
51) 4-Methyl-2-Pentanone	9.34	43	1365338	118.740	ug/l		96
52) Toluene	9.55	92	773976	22.004	ug/l		99
53) t-1,3-Dichloropropene	9.92	75	407051	22.804	ug/l		97
54) cis-1,3-Dichloropropene	9.10	75	494689	22.442	ug/l		96
55) 1,1,2-Trichloroethane	10.18	97	259301	22.550	ug/l		98
56) Ethyl methacrylate	10.03	69	289648	22.819	ug/l		97
57) 1,3-Dichloropropane	10.38	76	406237	23.164	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.92	63	862824	122.408	ug/l		98
59) 2-Hexanone	10.49	43	1047851	126.730	ug/l		99
60) Dibromochloromethane	10.63	129	314893	22.319	ug/l		97
61) 1,2-Dibromoethane	10.75	107	265754	21.751	ug/l		100
64) Tetrachloroethene	10.25	164	327088	20.207	ug/l		98
65) Chlorobenzene	11.31	112	851043	21.286	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.42	131	294527	22.082	ug/l		97
67) Ethyl Benzene	11.43	91	1449462	22.376	ug/l		99
68) m/p-Xylenes	11.57	106	1071957	44.289	ug/l		99
69) o-Xylene	11.93	106	505834	21.129	ug/l		93
70) Styrene	11.95	104	865824	21.626	ug/l		99
71) Bromoform	12.11	173	220013	20.371	ug/l		97
73) Isopropylbenzene	12.28	105	1391135	21.598	ug/l		99
74) N-amyl acetate	12.13	43	517776	21.946	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.56	83	309596	22.017	ug/l		96
76) 1,2,3-Trichloropropane	12.59	75	302822	21.537	ug/l		99
77) Bromobenzene	12.54	156	394516	21.078	ug/l		86
78) n-propylbenzene	12.64	91	1738426	21.736	ug/l		97
79) 2-Chlorotoluene	12.70	91	983790	22.163	ug/l		96
80) 1,3,5-Trimethylbenzene	12.79	105	1099303	22.052	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.34	75	82167	20.798	ug/l		92
82) 4-Chlorotoluene	12.81	91	1116764	22.244	ug/l		99
83) tert-Butylbenzene	13.05	119	1248615	21.827	ug/l		98
84) 1,2,4-Trimethylbenzene	13.09	105	1156436	22.011	ug/l		98
85) sec-Butylbenzene	13.22	105	1517955	22.442	ug/l		100
86) p-Isopropyltoluene	13.34	119	1235574	22.272	ug/l		99
87) 1,3-Dichlorobenzene	13.31	146	698667	21.425	ug/l		100
88) 1,4-Dichlorobenzene	13.39	146	710589	21.694	ug/l		99
89) n-Butylbenzene	13.65	91	1261078	23.296	ug/l		99
90) Hexachloroethane	13.85	117	275936	21.491	ug/l		94
91) 1,2-Dichlorobenzene	13.66	146	622429	22.700	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	14.23	75	40830	21.747	ug/l		86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.79	180	486834	20.918	ug/l	98
94) Hexachlorobutadiene	14.88	225	329696	21.312	ug/l	98
95) Naphthalene	14.96	128	719620	20.860	ug/l	99
96) 1,2,3-Trichlorobenzene	15.11	180	410554	20.279	ug/l	99

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

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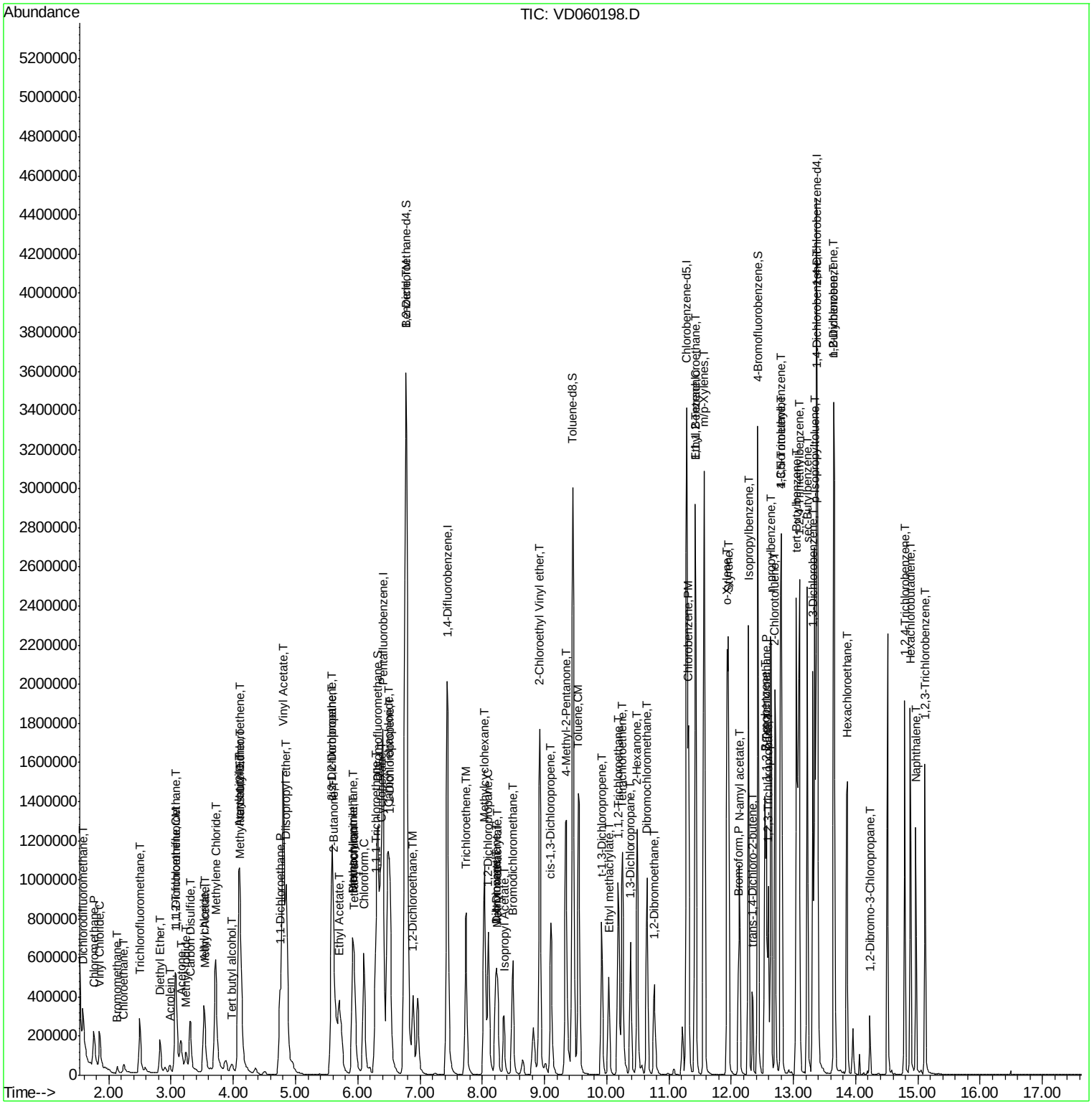
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