Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY042920\
Data File : VY002501.D
Acq On : 29 Apr 2020 11:49
Operator : SY/MD
Sample : VY0429SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VY0429SBS01

Quant Time: Apr 30 04:33:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 14:11:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	260714	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	370056	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	291496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	175458	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	101119	44.38	ug/l	-0.01
Spiked Amount 50.000			Recovery = 88.76%			
35) Dibromofluoromethane	7.74	113	93942	45.01	ug/l	-0.01
Spiked Amount 50.000			Recovery = 90.02%			
50) Toluene-d8	10.19	98	383062	45.66	ug/l	-0.01
Spiked Amount 50.000			Recovery = 91.32%			
62) 4-Bromofluorobenzene	12.49	95	126296	44.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.74%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	41098	21.525	ug/l	99
3) Chloromethane	2.13	50	50866	20.938	ug/l	99
4) Vinyl Chloride	2.26	62	29964	17.169	ug/l	94
5) Bromomethane	2.66	94	23134	23.619	ug/l	93
6) Chloroethane	2.80	64	19078	22.468	ug/l	93
7) Trichlorofluoromethane	3.14	101	70794	22.371	ug/l	98
8) Diethyl Ether	3.55	74	25068	19.218	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.92	101	45035	20.674	ug/l	98
10) Methyl Iodide	4.11	142	62384	18.564	ug/l	97
11) Tert butyl alcohol	4.97	59	20821	97.080	ug/l #	93
12) 1,1-Dichloroethene	3.90	96	45339	20.315	ug/l	92
13) Acrolein	3.75	56	14086	82.045	ug/l	98
14) Allyl chloride	4.50	41	59280	18.074	ug/l	98
15) Acrylonitrile	5.19	53	54988	88.106	ug/l	99
16) Acetone	3.97	43	43221	90.759	ug/l	98
17) Carbon Disulfide	4.22	76	130007	18.681	ug/l	96
18) Methyl Acetate	4.50	43	24897	16.247	ug/l	97
19) Methyl tert-butyl Ether	5.24	73	114678	19.042	ug/l	100
20) Methylene Chloride	4.74	84	50279	18.493	ug/l	96
21) trans-1,2-Dichloroethene	5.24	96	48291	19.219	ug/l	93
22) Diisopropyl ether	6.14	45	117735	18.155	ug/l	94
23) Vinyl Acetate	6.08	43	365984	88.814	ug/l	100
24) 1,1-Dichloroethane	6.04	63	74162	18.889	ug/l	98
25) 2-Butanone	7.01	43	62071	85.079	ug/l	100
26) 2,2-Dichloropropane	7.00	77	79961	21.295	ug/l	98
27) cis-1,2-Dichloroethene	7.01	96	52734	19.295	ug/l	97
28) Bromochloromethane	7.35	49	26344	17.199	ug/l	89
29) Tetrahydrofuran	7.36	42	38883	80.386	ug/l	95
30) Chloroform	7.52	83	83096	19.877	ug/l	97
31) Cyclohexane	7.80	56	71757	18.277	ug/l #	93
32) 1,1,1-Trichloroethane	7.72	97	82293	20.833	ug/l	99
36) 1,1-Dichloropropene	7.94	75	62323	19.641	ug/l	98
37) Ethyl Acetate	7.10	43	27850	17.471	ug/l	98
38) Carbon Tetrachloride	7.92	117	79263	21.723	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.19	83	82911	20.031	ug/l		96
40) Benzene	8.18	78	185116	20.185	ug/l		98
41) Methacrylonitrile	7.33	41	14276m	14.536	ug/l		
42) 1,2-Dichloroethane	8.25	62	54649	20.513	ug/l		99
43) Isopropyl Acetate	8.29	43	52057	17.460	ug/l		97
44) Trichloroethene	8.95	130	58467	20.388	ug/l		98
45) 1,2-Dichloropropane	9.23	63	40375	19.102	ug/l		93
46) Dibromomethane	9.32	93	24362	19.700	ug/l		98
47) Bromodichloromethane	9.51	83	63415	20.506	ug/l		98
48) Methyl methacrylate	9.30	41	24202	17.781	ug/l		97
49) 1,4-Dioxane	9.31	88	5969	378.742	ug/l		98
51) 4-Methyl-2-Pentanone	10.08	43	140134	90.489	ug/l		98
52) Toluene	10.25	92	119591	20.257	ug/l		98
53) t-1,3-Dichloropropene	10.47	75	63932	19.685	ug/l		99
54) cis-1,3-Dichloropropene	9.94	75	73727	19.834	ug/l		98
55) 1,1,2-Trichloroethane	10.65	97	36255	19.828	ug/l		97
56) Ethyl methacrylate	10.52	69	44477	17.802	ug/l		99
57) 1,3-Dichloropropane	10.80	76	60480	19.592	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.79	63	110390	91.370	ug/l		97
59) 2-Hexanone	10.84	43	91897	85.133	ug/l		98
60) Dibromochloromethane	10.99	129	40701	16.988	ug/l		99
61) 1,2-Dibromoethane	11.10	107	27992	15.438	ug/l		100
64) Tetrachloroethene	10.73	164	64704	24.220	ug/l		96
65) Chlorobenzene	11.52	112	115583	20.568	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.60	131	52117	24.717	ug/l		99
67) Ethyl Benzene	11.60	91	236724	23.636	ug/l		99
68) m/p-Xylenes	11.70	106	184116	47.753	ug/l		98
69) o-Xylene	12.03	106	86695	24.281	ug/l		100
70) Styrene	12.05	104	149024	23.971	ug/l		100
71) Bromoform	12.22	173	30765	23.161	ug/l	#	100
73) Isopropylbenzene	12.33	105	241388	20.578	ug/l		99
74) N-amyl acetate	12.15	43	46708	16.804	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.59	83	32207	17.877	ug/l		98
76) 1,2,3-Trichloropropane	12.64	75	28633m	19.254	ug/l		
77) Bromobenzene	12.61	156	59708	20.295	ug/l		96
78) n-propylbenzene	12.67	91	272212	19.987	ug/l		98
79) 2-Chlorotoluene	12.76	91	150741	20.227	ug/l		99
80) 1,3,5-Trimethylbenzene	12.82	105	203583	20.449	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.38	75	14115	17.564	ug/l		96
82) 4-Chlorotoluene	12.86	91	158620	20.593	ug/l		99
83) tert-Butylbenzene	13.08	119	181196	20.959	ug/l		100
84) 1,2,4-Trimethylbenzene	13.13	105	203243	21.278	ug/l		100
85) sec-Butylbenzene	13.26	105	242753	20.970	ug/l		99
86) p-Isopropyltoluene	13.38	119	233598	21.159	ug/l		99
87) 1,3-Dichlorobenzene	13.37	146	114812	21.100	ug/l		99
88) 1,4-Dichlorobenzene	13.45	146	112788	20.846	ug/l		99
89) n-Butylbenzene	13.70	91	202535	19.887	ug/l		98
90) Hexachloroethane	13.97	117	40610	20.351	ug/l		96
91) 1,2-Dichlorobenzene	13.75	146	101416	21.643	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6601	18.456	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	74048	20.022	ug/l	99
94) Hexachlorobutadiene	15.12	225	46991	21.053	ug/l	100
95) Naphthalene	15.24	128	125578	18.308	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	62142	19.810	ug/l	99

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

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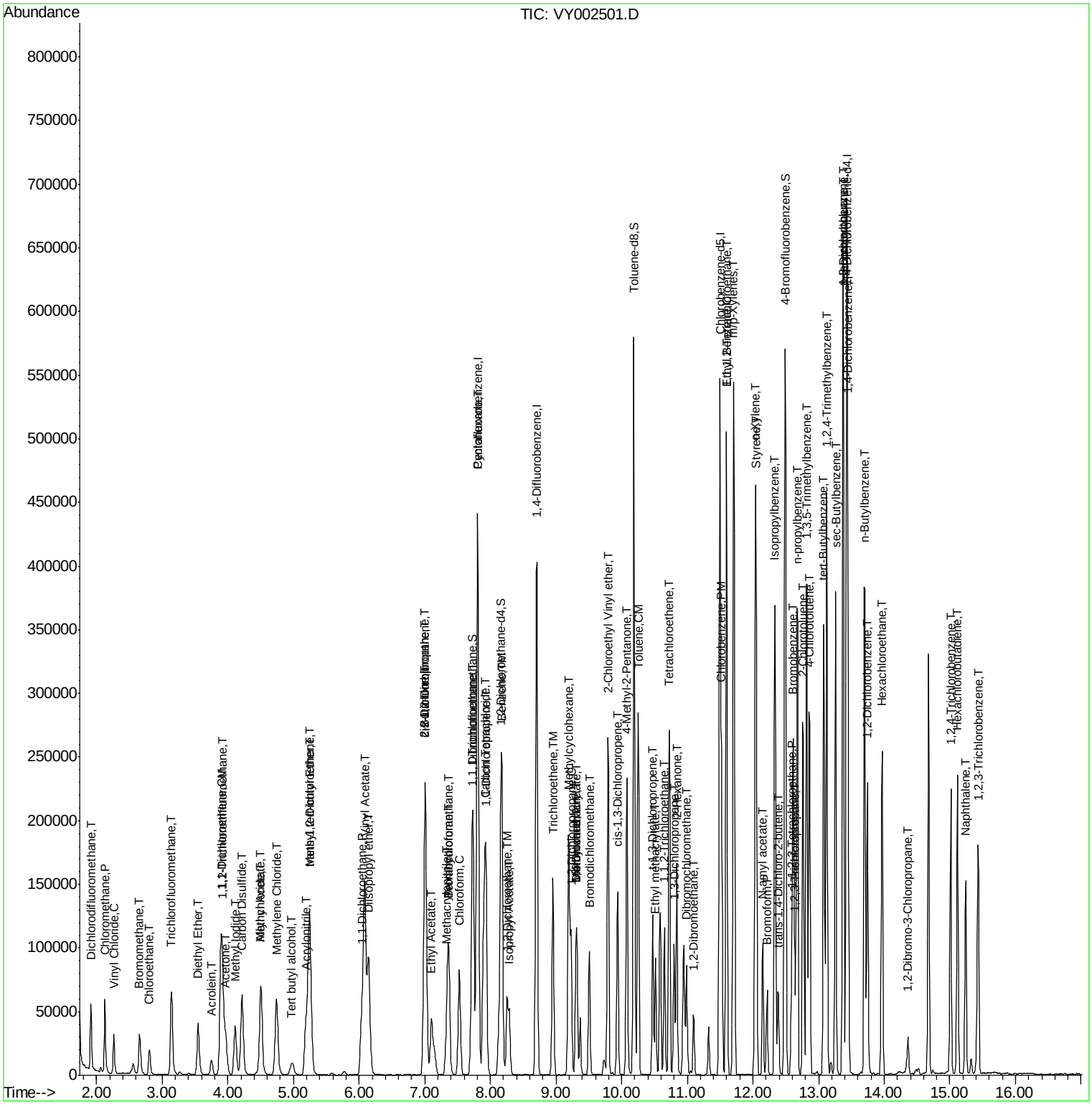
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