Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
Data File : VW003464.D
Acq On : 23 Jun 2018 16:54
Operator : SY/AP
Sample : J3664-07MS
Misc : 6.47G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : WP021SB476-25-27-180619MS

Manual Integrations APPROVED
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6/25/2018 7:16:15 PM

Quant Time: Jun 25 03:56:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	236052	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.85	114	368421	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.64	117	337516	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	176564	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	126603	49.52	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.04%				
35) Dibromofluoromethane	7.88	113	117655	51.39	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.78%				
50) Toluene-d8	10.33	98	477578	52.61	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.22%				
62) 4-Bromofluorobenzene	12.63	95	164039	51.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.12%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.00	85	56588	79.29	ug/l		89
3) Chloromethane	2.21	50	84585	46.91	ug/l		96
4) Vinyl Chloride	2.36	62	124999	47.55	ug/l		98
5) Bromomethane	2.78	94	78651	45.02	ug/l		96
6) Chloroethane	2.92	64	81766	44.69	ug/l		94
7) Trichlorofluoromethane	3.26	101	86941	55.21	ug/l		97
8) Diethyl Ether	3.68	74	52797	45.64	ug/l		97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	110108	50.35	ug/l		100
10) Methyl Iodide	4.26	142	161621	48.87	ug/l		100
11) Tert butyl alcohol	5.24	59	31784	231.79	ug/l	#	81
12) 1,1-Dichloroethene	4.03	96	106020	49.62	ug/l		98
13) Acrolein	3.90	56	12943	66.02	ug/l		86
14) Allyl chloride	4.66	41	183976	49.70	ug/l		100
15) Acrylonitrile	5.38	53	104110	218.75	ug/l		99
16) Acetone	4.14	43	142919	266.52	ug/l		98
17) Carbon Disulfide	4.37	76	314886	49.84	ug/l		99
18) Methyl Acetate	4.68	43	88400	69.49	ug/l		98
19) Methyl tert-butyl Ether	5.43	73	193410	48.33	ug/l		99
20) Methylene Chloride	4.91	84	122618	54.13	ug/l		98
21) trans-1,2-Dichloroethene	5.42	96	117970	50.73	ug/l		97
22) Diisopropyl ether	6.32	45	378439	50.80	ug/l		98
23) Vinyl Acetate	6.26	43	739807	172.34	ug/l		99
24) 1,1-Dichloroethane	6.22	63	228887	51.76	ug/l		99
25) 2-Butanone	7.19	43	156130	234.15	ug/l		98
26) 2,2-Dichloropropane	7.17	77	144043	48.80	ug/l		98
27) cis-1,2-Dichloroethene	7.17	96	128723	50.39	ug/l		99
28) Bromochloromethane	7.51	49	99888	54.28	ug/l		97
29) Tetrahydrofuran	7.54	42	88402	216.92	ug/l		100
30) Chloroform	7.68	83	233244	51.77	ug/l		99
31) Cyclohexane	7.96	56	196150	47.48	ug/l		98
32) 1,1,1-Trichloroethane	7.87	97	191744	51.56	ug/l		100
36) 1,1-Dichloropropene	8.09	75	182529	51.30	ug/l		100
37) Ethyl Acetate	7.26	43	53954	36.60	ug/l		99
38) Carbon Tetrachloride	8.07	117	177604	50.89	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.34	83	203288	49.38	ug/l		99
40) Benzene	8.33	78	501928	51.18	ug/l		99
41) Methacrylonitrile	7.49	41	39939	44.16	ug/l		97
42) 1,2-Dichloroethane	8.40	62	147271	47.93	ug/l		99
43) Isopropyl Acetate	8.43	43	119109	40.70	ug/l		96
44) Trichloroethene	9.10	130	133189	51.25	ug/l		98
45) 1,2-Dichloropropane	9.37	63	128518	51.47	ug/l		98
46) Dibromomethane	9.46	93	60684	47.47	ug/l		98
47) Bromodichloromethane	9.65	83	164803	50.29	ug/l		97
48) Methyl methacrylate	9.44	41	66950	48.67	ug/l		99
49) 1,4-Dioxane	9.48	88	15632	809.81	ug/l	#	1
51) 4-Methyl-2-Pentanone	10.22	43	340266	228.16	ug/l		99
52) Toluene	10.39	92	325840	51.81	ug/l		98
53) t-1,3-Dichloropropene	10.61	75	160177	47.85	ug/l		98
54) cis-1,3-Dichloropropene	10.08	75	186976	49.07	ug/l		99
55) 1,1,2-Trichloroethane	10.79	97	85718	47.58	ug/l		99
56) Ethyl methacrylate	10.65	69	93876	42.91	ug/l		98
57) 1,3-Dichloropropane	10.94	76	150805	48.54	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.93	63	236063	240.71	ug/l		98
59) 2-Hexanone	10.98	43	246302	236.41	ug/l		100
60) Dibromochloromethane	11.13	129	104370	48.72	ug/l		99
61) 1,2-Dibromoethane	11.24	107	79211	46.48	ug/l		100
64) Tetrachloroethene	10.87	164	121678	53.90	ug/l		97
65) Chlorobenzene	11.66	112	349017	49.66	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.74	131	122872	49.75	ug/l		99
67) Ethyl Benzene	11.74	91	638003	51.21	ug/l		99
68) m/p-Xylenes	11.85	106	483194	102.02	ug/l		100
69) o-Xylene	12.17	106	225390	51.35	ug/l		100
70) Styrene	12.19	104	375927	51.46	ug/l		99
71) Bromoform	12.35	173	59247	46.28	ug/l	#	99
73) Isopropylbenzene	12.47	105	637747	51.93	ug/l		100
74) N-amyl acetate	12.28	43	99808	35.71	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.72	83	98428	47.37	ug/l		100
76) 1,2,3-Trichloropropane	12.77	75	67806m	44.92	ug/l		
77) Bromobenzene	12.76	156	141650	49.53	ug/l		99
78) n-propylbenzene	12.81	91	780010	51.87	ug/l		99
79) 2-Chlorotoluene	12.90	91	436169	51.33	ug/l		100
80) 1,3,5-Trimethylbenzene	12.95	105	535352	51.93	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.52	75	28961	44.15	ug/l		99
82) 4-Chlorotoluene	12.99	91	454534	50.42	ug/l		99
83) tert-Butylbenzene	13.21	119	454665	51.76	ug/l		99
84) 1,2,4-Trimethylbenzene	13.26	105	546891	51.58	ug/l		100
85) sec-Butylbenzene	13.39	105	664702	50.90	ug/l		100
86) p-Isopropyltoluene	13.51	119	583913	50.70	ug/l		100
87) 1,3-Dichlorobenzene	13.51	146	290721	49.48	ug/l		99
88) 1,4-Dichlorobenzene	13.59	146	285395	48.86	ug/l		99
89) n-Butylbenzene	13.84	91	552915	49.25	ug/l		100
90) Hexachloroethane	14.10	117	104051	49.94	ug/l		99
91) 1,2-Dichlorobenzene	13.88	146	251097	48.79	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16012	45.80	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	160758	44.49	ug/l	99
94) Hexachlorobutadiene	15.25	225	89256	41.07	ug/l	99
95) Naphthalene	15.38	128	267790	43.69	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	134372	42.25	ug/l	99

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

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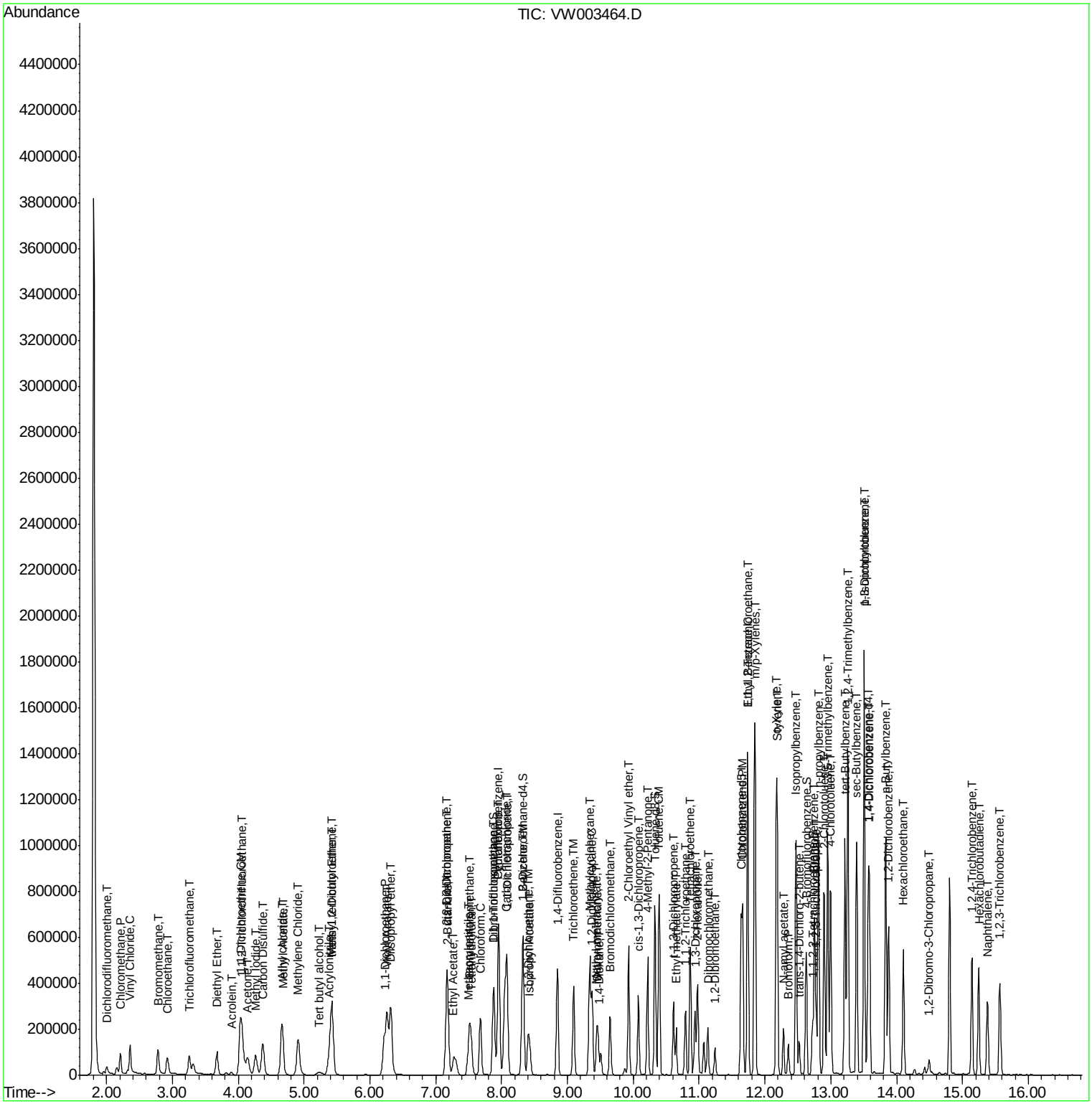
WP021SB476-25-27-180619MS

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