Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100118\
Data File : VX004882.D
Acq On : 01 Oct 2018 20:23
Operator : JC/MD
Sample : J5135-03MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SA-TW502-0913MSD

Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:53 PM

Quant Time: Oct 02 05:05:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	219176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	330101	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	195795	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	162584	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.86%			
35) Dibromofluoromethane	5.51	113	132418	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.66%			
50) Toluene-d8	8.72	98	498936	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.28%			
62) 4-Bromofluorobenzene	11.14	95	185964	55.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	167453	56.034	ug/l	97
3) Chloromethane	1.32	50	185772	51.238	ug/l	100
4) Vinyl Chloride	1.40	62	184790	54.342	ug/l	99
5) Bromomethane	1.64	94	142755	70.795	ug/l	98
6) Chloroethane	1.71	64	107740	58.535	ug/l	98
7) Trichlorofluoromethane	1.92	101	235782	56.008	ug/l	95
8) Diethyl Ether	2.19	74	96035	52.511	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.38	101	129245	53.897	ug/l	98
10) Methyl Iodide	2.51	142	137137	42.736	ug/l	98
11) Tert butyl alcohol	3.09	59	242692	277.224	ug/l	99
12) 1,1-Dichloroethene	2.37	96	126361	53.208	ug/l	96
13) Acrolein	2.29	56	108655	174.442	ug/l	98
14) Allyl chloride	2.72	41	284288	54.864	ug/l	94
15) Acrylonitrile	3.15	53	531426	275.754	ug/l	99
16) Acetone	2.45	43	469157	256.665	ug/l	96
17) Carbon Disulfide	2.56	76	365599	51.232	ug/l	99
18) Methyl Acetate	2.78	43	264724	57.161	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	466231	56.915	ug/l	97
20) Methylene Chloride	2.85	84	148079	55.815	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	136190	52.387	ug/l	97
22) Diisopropyl ether	3.87	45	477497	54.724	ug/l	96
23) Vinyl Acetate	3.82	43	2016960	252.530	ug/l	96
24) 1,1-Dichloroethane	3.69	63	261761	50.291	ug/l	98
25) 2-Butanone	4.71	43	715661	265.613	ug/l	93
26) 2,2-Dichloropropane	4.58	77	170525	47.048	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	148365	51.086	ug/l	96
28) Bromochloromethane	5.02	49	122715	50.066	ug/l	90
29) Tetrahydrofuran	5.16	42	468537	279.782	ug/l	92
30) Chloroform	5.21	83	252993	51.430	ug/l	99
31) Cyclohexane	5.57	56	222057	55.742	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	215214	53.571	ug/l	99
36) 1,1-Dichloropropene	5.79	75	186542	48.871	ug/l	100
37) Ethyl Acetate	4.86	43	238007	46.974	ug/l	98
38) Carbon Tetrachloride	5.78	117	189499	47.229	ug/l	98

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100118\
Data File : VX004882.D
Acq On : 01 Oct 2018 20:23
Operator : JC/MD
Sample : J5135-03MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SA-TW502-0913MSD

Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:53 PM

Quant Time: Oct 02 05:05:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Methylcyclohexane	7.46	83	212318	54.474 ug/l	95
40) Benzene	6.14	78	569034	47.618 ug/l	99
41) Methacrylonitrile	5.06	41	141648	50.410 ug/l	96
42) 1,2-Dichloroethane	6.20	62	203312	48.128 ug/l	97
43) Isopropyl Acetate	6.46	43	360844	49.342 ug/l	96
44) Trichloroethene	7.21	130	149520	50.898 ug/l	91
45) 1,2-Dichloropropane	7.52	63	154240	52.633 ug/l	100
46) Dibromomethane	7.66	93	99125	53.822 ug/l	98
47) Bromodichloromethane	7.90	83	190929	55.371 ug/l	99
48) Methyl methacrylate	7.78	41	197454	59.487 ug/l	94
49) 1,4-Dioxane	7.76	88	92563	1122.463 ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1344139	291.909 ug/l	95
52) Toluene	8.79	92	354509	53.989 ug/l	97
53) t-1,3-Dichloropropene	9.04	75	210899	54.124 ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	222834	54.598 ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	147734	51.363 ug/l	97
56) Ethyl methacrylate	9.18	69	235115	50.353 ug/l	94
57) 1,3-Dichloropropane	9.37	76	247561	51.715 ug/l	99
59) 2-Hexanone	9.50	43	1073676	279.812 ug/l	94
60) Dibromochloromethane	9.59	129	154914	53.855 ug/l	100
61) 1,2-Dibromoethane	9.67	107	153684	49.892 ug/l	99
64) Tetrachloroethene	9.34	164	141224	45.407 ug/l	98
65) Chlorobenzene	10.14	112	399273	49.273 ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	143507	50.375 ug/l	100
67) Ethyl Benzene	10.26	91	676384	52.575 ug/l	98
68) m/p-Xylenes	10.36	106	528780	105.182 ug/l	95
69) o-Xylene	10.70	106	254104	55.030 ug/l	96
70) Styrene	10.71	104	430579	49.864 ug/l	97
71) Bromoform	10.86	173	127703	52.361 ug/l	99
73) Isopropylbenzene	11.02	105	680606	55.149 ug/l	99
74) N-amyl acetate	10.90	43	316998	46.847 ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	249827	49.730 ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	227139m	51.758 ug/l	
77) Bromobenzene	11.26	156	183522	51.197 ug/l	97
78) n-propylbenzene	11.36	91	784079	55.372 ug/l	99
79) 2-Chlorotoluene	11.42	91	469352	53.177 ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	579228	51.213 ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	70404	44.003 ug/l	99
82) 4-Chlorotoluene	11.51	91	556569	53.574 ug/l	99
83) tert-Butylbenzene	11.77	119	575722	56.660 ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	598638	51.325 ug/l	98
85) sec-Butylbenzene	11.94	105	683368	55.216 ug/l	98
86) p-Isopropyltoluene	12.07	119	614920	54.840 ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	338631	50.591 ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	344311	49.831 ug/l	99
89) n-Butylbenzene	12.39	91	542470	53.269 ug/l	98
90) Hexachloroethane	12.60	117	99161	53.114 ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	343223	49.067 ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	59480	53.923 ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	253795	51.722 ug/l	99

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100118\
Data File : VX004882.D
Acq On : 01 Oct 2018 20:23
Operator : JC/MD
Sample : J5135-03MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SA-TW502-0913MSD

Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:53 PM

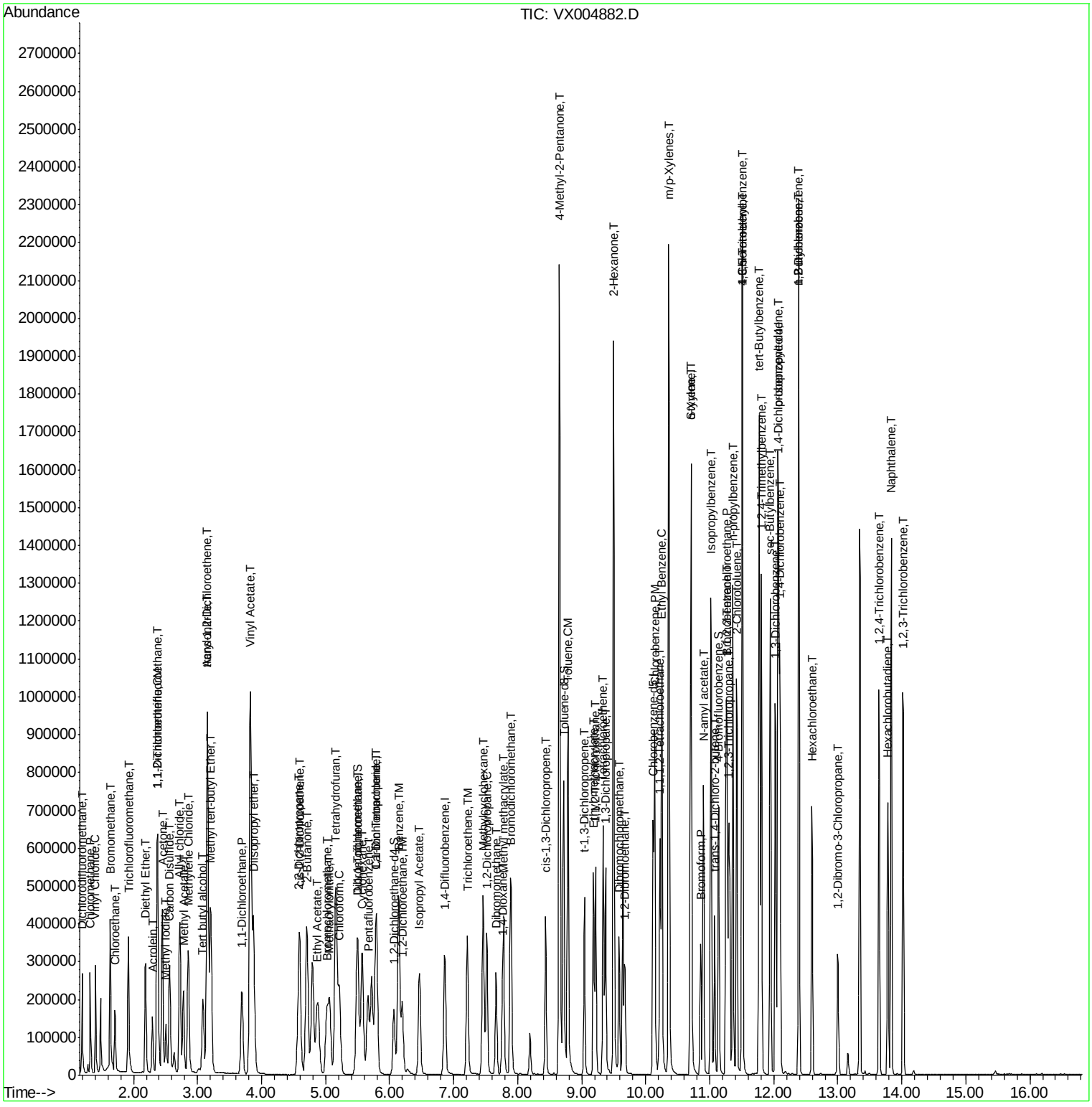
Quant Time: Oct 02 05:05:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	120556	47.379	ug/l	97
95) Naphthalene	13.83	128	836289	51.330	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	265115	52.303	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100118\
Data File : VX004882.D
Acq On : 01 Oct 2018 20:23
Operator : JC/MD
Sample : J5135-03MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 02 05:05:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
SA-TW502-0913MSD

Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:53 PM