Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
Data File : VN054945.D
Acq On : 4 Apr 2019 14:14
Operator : JC/SP
Sample : K2241-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Manual Integrations APPROVED
MMDadoda
4/8/2019 1:43:46 PM

Quant Time: Apr 05 15:56:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 05 15:50:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.66	168	426785	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	710798	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	605150	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	199933	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	300552	53.41	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.82%				
35) Dibromofluoromethane	7.59	113	235351	50.86	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.72%				
50) Toluene-d8	10.09	98	887862	50.57	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.14%				
62) 4-Bromofluorobenzene	12.40	95	257738	43.99	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.98%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.85	85	2922	0.573	ug/l		97
3) Chloromethane	2.06	50	4709	0.698	ug/l		93
4) Vinyl Chloride	2.19	62	3808	0.646	ug/l		99
5) Bromomethane	2.58	94	4500	1.337	ug/l		88
6) Chloroethane	2.71	64	2014	0.613	ug/l		92
7) Trichlorofluoromethane	3.03	101	4524	0.632	ug/l	#	82
8) Diethyl Ether	3.42	74	1311	0.575	ug/l		53
9) 1,1,2-Trichlorotrifluoroet	3.75	101	2703	0.713	ug/l	#	52
10) Methyl Iodide	3.94	142	9924	1.856	ug/l		99
11) Tert butyl alcohol	4.83	59	4090m	14.085	ug/l		
12) 1,1-Dichloroethene	3.73	96	2519m	0.670	ug/l		
13) Acrolein	3.61	56	3148	7.905	ug/l		89
14) Allyl chloride	4.32	41	5143	0.616	ug/l	#	32
15) Acrylonitrile	5.00	53	5168m	2.968	ug/l		
16) Acetone	3.82	43	5751	3.571	ug/l	#	89
17) Carbon Disulfide	4.04	76	8887	0.742	ug/l		100
18) Methyl Acetate	4.34	43	5202	1.242	ug/l	#	76
19) Methyl tert-butyl Ether	5.06	73	6949	0.569	ug/l		98
20) Methylene Chloride	4.55	84	4821	0.923	ug/l	#	80
21) trans-1,2-Dichloroethene	5.03	96	3013	0.641	ug/l	#	78
22) Diisopropyl ether	5.96	45	10657	0.621	ug/l		91
23) Vinyl Acetate	5.91	43	26534	2.224	ug/l		98
24) 1,1-Dichloroethane	5.85	63	5616	0.601	ug/l	#	85
25) 2-Butanone	6.87	43	6387	3.023	ug/l		97
26) 2,2-Dichloropropane	6.83	77	3775m	0.576	ug/l		
27) cis-1,2-Dichloroethene	6.84	96	3196	0.600	ug/l		90
28) Bromochloromethane	7.19	49	2853	0.651	ug/l	#	99
29) Tetrahydrofuran	7.23	42	4500	3.249	ug/l	#	82
30) Chloroform	7.38	83	5577	0.629	ug/l		91
31) Cyclohexane	7.66	56	14691	1.376	ug/l	#	25
32) 1,1,1-Trichloroethane	7.57	97	4138m	0.553	ug/l		
36) 1,1-Dichloropropene	7.80	75	4221m	0.599	ug/l		
37) Ethyl Acetate	6.95	43	2454	0.508	ug/l	#	85
38) Carbon Tetrachloride	7.78	117	4727	0.695	ug/l		94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
Data File : VN054945.D
Acq On : 4 Apr 2019 14:14
Operator : JC/SP
Sample : K2241-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Manual Integrations APPROVED
MMDadoda
4/8/2019 1:43:46 PM

Quant Time: Apr 05 15:56:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 05 15:50:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	9.08	83	4896	0.632 ug/l		94
40) Benzene	8.04	78	11885	0.586 ug/l		93
41) Methacrylonitrile	7.19	41	1675m	0.606 ug/l		
42) 1,2-Dichloroethane	8.12	62	4375	0.614 ug/l		90
43) Isopropyl Acetate	8.17	43	4942	0.607 ug/l	#	91
44) Trichloroethene	8.84	130	3387	0.654 ug/l		85
45) 1,2-Dichloropropane	9.12	63	3328	0.589 ug/l		91
46) Dibromomethane	9.21	93	2007	0.627 ug/l		97
47) Bromodichloromethane	9.40	83	3490	0.519 ug/l	#	98
48) Methyl methacrylate	9.20	41	3093	0.750 ug/l	#	68
49) 1,4-Dioxane	9.20	88	443m	10.644 ug/l		
51) 4-Methyl-2-Pentanone	9.99	43	13448	2.959 ug/l		91
52) Toluene	10.15	92	6807	0.570 ug/l		98
53) t-1,3-Dichloropropene	10.38	75	3337	0.538 ug/l	#	70
54) cis-1,3-Dichloropropene	9.84	75	4115	0.544 ug/l	#	91
55) 1,1,2-Trichloroethane	10.56	97	2604	0.601 ug/l		92
56) Ethyl methacrylate	10.43	69	3400	0.600 ug/l	#	75
57) 1,3-Dichloropropane	10.71	76	4512	0.597 ug/l		94
58) 2-Chloroethyl Vinyl ether	9.70	63	5045	2.255 ug/l		99
59) 2-Hexanone	10.76	43	7089	2.498 ug/l		96
60) Dibromochloromethane	10.90	129	2191	0.483 ug/l		99
61) 1,2-Dibromoethane	11.01	107	2630	0.646 ug/l	#	78
64) Tetrachloroethene	10.63	164	2831	0.580 ug/l		92
65) Chlorobenzene	11.43	112	7790	0.632 ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.51	131	2615	0.579 ug/l	#	64
67) Ethyl Benzene	11.51	91	13082	0.588 ug/l		95
68) m/p-Xylenes	11.62	106	8843	1.088 ug/l		91
69) o-Xylene	11.95	106	4383	0.553 ug/l		99
70) Styrene	11.97	104	7028	0.553 ug/l		96
71) Bromoform	12.13	173	1227	0.452 ug/l	#	29
73) Isopropylbenzene	12.25	105	12230	0.724 ug/l		94
74) N-amyl acetate	12.08	43	3552	0.757 ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	12.50	83	3092	0.745 ug/l	#	93
76) 1,2,3-Trichloropropane	12.55	75	2219m	0.617 ug/l		
77) Bromobenzene	12.53	156	3006	0.735 ug/l		93
78) n-propylbenzene	12.59	91	13454	0.723 ug/l		97
79) 2-Chlorotoluene	12.68	91	8662	0.751 ug/l		100
80) 1,3,5-Trimethylbenzene	12.73	105	9649	0.696 ug/l		99
81) trans-1,4-Dichloro-2-buten	12.30	75	565m	0.653 ug/l		
82) 4-Chlorotoluene	12.77	91	8518	0.781 ug/l		95
83) tert-Butylbenzene	12.99	119	8382	0.710 ug/l		97
84) 1,2,4-Trimethylbenzene	13.04	105	9223	0.687 ug/l		98
85) sec-Butylbenzene	13.17	105	11303	0.741 ug/l		96
86) p-Isopropyltoluene	13.29	119	8886	0.676 ug/l		96
87) 1,3-Dichlorobenzene	13.28	146	5393	0.793 ug/l		96
88) 1,4-Dichlorobenzene	13.36	146	4726m	0.730 ug/l		
89) n-Butylbenzene	13.62	91	7809	0.743 ug/l		95
90) Hexachloroethane	13.87	117	1237	0.560 ug/l		88
91) 1,2-Dichlorobenzene	13.65	146	4638	0.694 ug/l		98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	207	0.358 ug/l		78

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
Data File : VN054945.D
Acq On : 4 Apr 2019 14:14
Operator : JC/SP
Sample : K2241-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Manual Integrations APPROVED
MMDadoda
4/8/2019 1:43:46 PM

Quant Time: Apr 05 15:56:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 05 15:50:17 2019
Response via : Initial Calibration

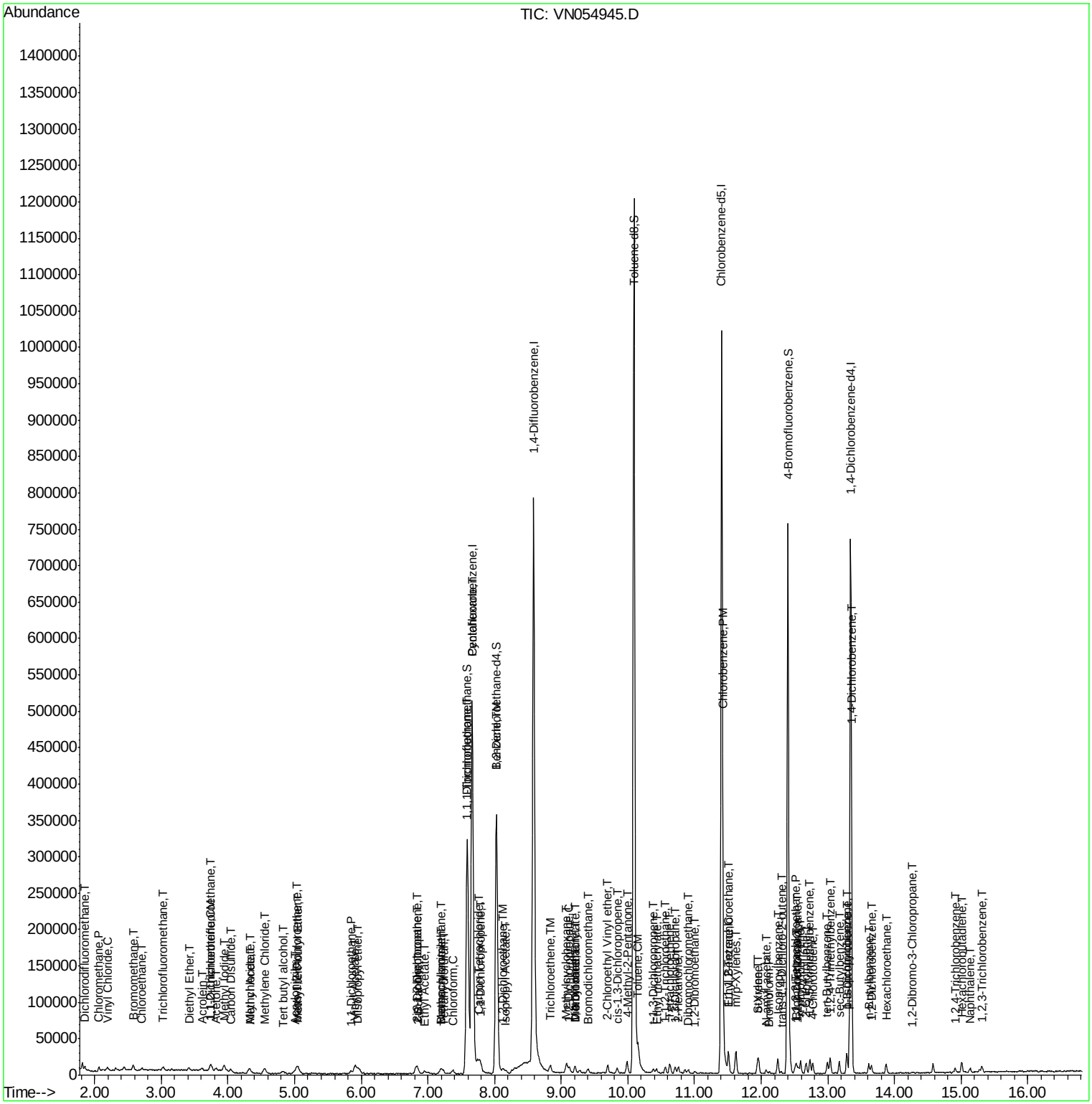
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	2132	0.717	ug/l		92
94) Hexachlorobutadiene	15.01	225	2468	1.104	ug/l		76
95) Naphthalene	15.13	128	4197	0.644	ug/l	#	93
96) 1,2,3-Trichlorobenzene	15.31	180	3589	1.170	ug/l		86

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
Data File : VN054945.D
Acq On : 4 Apr 2019 14:14
Operator : JC/SP
Sample : K2241-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 05 15:56:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 05 15:50:17 2019
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Manual Integrations APPROVED
MMDadoda
4/8/2019 1:43:46 PM