Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032319\
Data File : VN054616.D
Acq On : 23 Mar 2019 21:01
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
MMDadoda
3/25/2019 10:07:33 AM

Quant Time: Mar 25 04:43:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.66	168	413801	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	705464	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	619258	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	271351	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	293726	57.07	ug/l		0.00
Spiked Amount 50.000			Recovery = 114.14%				
35) Dibromofluoromethane	7.59	113	233975	51.48	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.96%				
50) Toluene-d8	10.09	98	862306	50.47	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.94%				
62) 4-Bromofluorobenzene	12.40	95	300515	51.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.38%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.85	85	216363	54.695	ug/l		97
3) Chloromethane	2.06	50	298116	55.389	ug/l		100
4) Vinyl Chloride	2.19	62	282166	52.217	ug/l		100
5) Bromomethane	2.57	94	157865	45.179	ug/l		98
6) Chloroethane	2.71	64	156920	48.415	ug/l		99
7) Trichlorofluoromethane	3.02	101	342642	52.213	ug/l		99
8) Diethyl Ether	3.41	74	118086	46.788	ug/l		69
9) 1,1,2-Trichlorotrifluoroet	3.75	101	178516	46.286	ug/l		93
10) Methyl Iodide	3.94	142	265181	46.742	ug/l	#	89
11) Tert butyl alcohol	4.82	59	94069	301.878	ug/l		99
12) 1,1-Dichloroethene	3.73	96	176710	44.274	ug/l	#	73
13) Acrolein	3.61	56	30954	71.981	ug/l		94
14) Allyl chloride	4.32	41	427540	56.885	ug/l	#	91
15) Acrylonitrile	5.00	53	470073	302.921	ug/l		99
16) Acetone	3.82	43	333398	215.449	ug/l	#	82
17) Carbon Disulfide	4.04	76	540598	50.551	ug/l		99
18) Methyl Acetate	4.33	43	214662	62.237	ug/l	#	88
19) Methyl tert-butyl Ether	5.06	73	665858	57.164	ug/l		97
20) Methylene Chloride	4.54	84	247905	54.346	ug/l	#	83
21) trans-1,2-Dichloroethene	5.04	96	225226	55.263	ug/l		86
22) Diisopropyl ether	5.96	45	901819	60.832	ug/l	#	95
23) Vinyl Acetate	5.90	43	3296473	314.841	ug/l	#	93
24) 1,1-Dichloroethane	5.85	63	472588	59.206	ug/l		97
25) 2-Butanone	6.85	43	596233	300.781	ug/l	#	87
26) 2,2-Dichloropropane	6.82	77	274344	48.215	ug/l		98
27) cis-1,2-Dichloroethene	6.83	96	266286	54.778	ug/l		88
28) Bromochloromethane	7.19	49	235230	59.870	ug/l	#	71
29) Tetrahydrofuran	7.22	42	412653	320.788	ug/l	#	83
30) Chloroform	7.37	83	448447	57.568	ug/l		97
31) Cyclohexane	7.65	56	429024	56.327	ug/l		86
32) 1,1,1-Trichloroethane	7.57	97	377170	58.688	ug/l		96
36) 1,1-Dichloropropene	7.79	75	339628	51.489	ug/l		95
37) Ethyl Acetate	6.94	43	275133	58.646	ug/l		95
38) Carbon Tetrachloride	7.77	117	329044	51.333	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	366277	48.544	ug/l		89
40) Benzene	8.04	78	990511	52.514	ug/l		99
41) Methacrylonitrile	7.18	41	151445	52.933	ug/l		89
42) 1,2-Dichloroethane	8.13	62	370830	53.985	ug/l		97
43) Isopropyl Acetate	8.17	43	465914	58.805	ug/l	#	93
44) Trichloroethene	8.83	130	258307	49.257	ug/l		93
45) 1,2-Dichloropropane	9.12	63	282501	55.777	ug/l		99
46) Dibromomethane	9.21	93	162461	53.767	ug/l		89
47) Bromodichloromethane	9.40	83	347916	55.482	ug/l		97
48) Methyl methacrylate	9.20	41	243250	56.565	ug/l	#	87
49) 1,4-Dioxane	9.20	88	51776	1076.968	ug/l	#	81
51) 4-Methyl-2-Pentanone	9.99	43	1335976	304.252	ug/l		92
52) Toluene	10.16	92	602659	51.949	ug/l		98
53) t-1,3-Dichloropropene	10.38	75	330338	49.940	ug/l		99
54) cis-1,3-Dichloropropene	9.84	75	393893	54.782	ug/l	#	90
55) 1,1,2-Trichloroethane	10.56	97	224873	53.925	ug/l		97
56) Ethyl methacrylate	10.43	69	322932	57.695	ug/l	#	82
57) 1,3-Dichloropropane	10.71	76	396435	54.688	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.70	63	613349	266.119	ug/l		89
59) 2-Hexanone	10.75	43	835789	291.402	ug/l		92
60) Dibromochloromethane	10.90	129	247170	55.701	ug/l		100
61) 1,2-Dibromoethane	11.01	107	220919	53.586	ug/l		99
64) Tetrachloroethene	10.63	164	240556	46.833	ug/l		96
65) Chlorobenzene	11.43	112	640005	50.814	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.51	131	245191	54.237	ug/l		99
67) Ethyl Benzene	11.51	91	1137530	51.129	ug/l		99
68) m/p-Xylenes	11.62	106	848675	100.708	ug/l		96
69) o-Xylene	11.95	106	415684	50.509	ug/l		96
70) Styrene	11.96	104	702961	52.598	ug/l		97
71) Bromoform	12.13	173	155287	49.832	ug/l	#	99
73) Isopropylbenzene	12.25	105	1089685	49.835	ug/l		98
74) N-amyl acetate	12.07	43	386843	61.528	ug/l		92
75) 1,1,2,2-Tetrachloroethane	12.50	83	286829	57.464	ug/l		99
76) 1,2,3-Trichloropropane	12.55	75	232507m	53.997	ug/l		
77) Bromobenzene	12.53	156	274328	50.585	ug/l		85
78) n-propylbenzene	12.59	91	1203071	50.740	ug/l		97
79) 2-Chlorotoluene	12.67	91	740194	50.061	ug/l		95
80) 1,3,5-Trimethylbenzene	12.73	105	889843	49.653	ug/l		98
81) trans-1,4-Dichloro-2-buten	12.30	75	63570	50.838	ug/l		85
82) 4-Chlorotoluene	12.77	91	730174	50.947	ug/l		96
83) tert-Butylbenzene	12.99	119	769798	49.348	ug/l		96
84) 1,2,4-Trimethylbenzene	13.04	105	889835	50.603	ug/l		97
85) sec-Butylbenzene	13.17	105	967044	49.730	ug/l		97
86) p-Isopropyltoluene	13.29	119	855581	49.179	ug/l		98
87) 1,3-Dichlorobenzene	13.28	146	452838	50.389	ug/l		98
88) 1,4-Dichlorobenzene	13.36	146	440855	50.418	ug/l		98
89) n-Butylbenzene	13.61	91	688939	50.644	ug/l		98
90) Hexachloroethane	13.87	117	147441	54.598	ug/l		88
91) 1,2-Dichlorobenzene	13.65	146	450060	51.704	ug/l		97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	43125	58.903	ug/l		84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	221417	51.026	ug/l	99
94) Hexachlorobutadiene	15.01	225	124051	50.928	ug/l	99
95) Naphthalene	15.13	128	521328	53.862	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	223543	51.760	ug/l	99

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

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