Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082919\
Data File : VN057553.D
Acq On : 29 Aug 2019 16:39
Operator : JC/SP
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDICCC050

Manual Integrations APPROVED
MMDadoda
9/3/2019 2:38:42 AM

Quant Time: Aug 29 17:42:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 29 17:26:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.65	168	476353	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.58	114	736678	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	721844	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	364790	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.01	65	375212	45.72	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.44%				
35) Dibromofluoromethane	7.58	113	321981	60.83	ug/l		0.00
Spiked Amount 50.000			Recovery = 121.66%				
50) Toluene-d8	10.08	98	1278429	63.66	ug/l		0.00
Spiked Amount 50.000			Recovery = 127.32%				
62) 4-Bromofluorobenzene	12.40	95	433521	63.65	ug/l		0.00
Spiked Amount 50.000			Recovery = 127.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.85	85	260110	46.772	ug/l		94
3) Chloromethane	2.06	50	248727	32.632	ug/l		99
4) Vinyl Chloride	2.18	62	379037	39.970	ug/l		98
5) Bromomethane	2.55	94	329072	52.781	ug/l		99
6) Chloroethane	2.69	64	249388	40.515	ug/l		99
7) Trichlorofluoromethane	3.01	101	786626	50.860	ug/l		98
8) Diethyl Ether	3.40	74	247696	43.456	ug/l		66
9) 1,1,2-Trichlorotrifluoroet	3.74	101	461284	53.093	ug/l	#	84
10) Methyl Iodide	3.93	142	785792	96.823	ug/l		93
11) Tert butyl alcohol	4.80	59	178535	180.046	ug/l		98
12) 1,1-Dichloroethene	3.72	96	444508	53.210	ug/l	#	74
13) Acrolein	3.59	56	153693	178.618	ug/l		98
14) Allyl chloride	4.30	41	323970	29.301	ug/l	#	85
15) Acrylonitrile	4.98	53	474650	177.496	ug/l		99
16) Acetone	3.81	43	787484	198.620	ug/l		93
17) Carbon Disulfide	4.02	76	584811	38.750	ug/l		100
18) Methyl Acetate	4.31	43	225470	24.055	ug/l	#	86
19) Methyl tert-butyl Ether	5.03	73	843733	43.465	ug/l	#	88
20) Methylene Chloride	4.53	84	261978	41.984	ug/l	#	81
21) trans-1,2-Dichloroethene	5.02	96	270050	46.823	ug/l	#	82
22) Diisopropyl ether	5.94	45	726529	33.307	ug/l	#	90
23) Vinyl Acetate	5.88	43	2973378	173.627	ug/l	#	88
24) 1,1-Dichloroethane	5.83	63	471083	39.607	ug/l		97
25) 2-Butanone	6.83	43	619721	157.099	ug/l	#	78
26) 2,2-Dichloropropane	6.81	77	490099	46.226	ug/l		98
27) cis-1,2-Dichloroethene	6.81	96	334081	48.652	ug/l		81
28) Bromochloromethane	7.18	49	204122	33.259	ug/l	#	50
29) Tetrahydrofuran	7.20	42	377489	146.557	ug/l	#	68
30) Chloroform	7.36	83	575208	45.119	ug/l		100
31) Cyclohexane	7.64	56	417302	37.122	ug/l	#	78
32) 1,1,1-Trichloroethane	7.56	97	542194	50.832	ug/l	#	93
36) 1,1-Dichloropropene	7.78	75	403528	52.266	ug/l		94
37) Ethyl Acetate	6.92	43	260201	36.470	ug/l	#	91
38) Carbon Tetrachloride	7.76	117	476888	60.288	ug/l		99

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.07	83	519204	56.066	ug/l	#	84
40) Benzene	8.03	78	1230555	52.988	ug/l		99
41) Methacrylonitrile	7.16	41	108926	32.275	ug/l	#	79
42) 1,2-Dichloroethane	8.11	62	433003	49.089	ug/l		97
43) Isopropyl Acetate	8.16	43	493933	37.534	ug/l	#	90
44) Trichloroethene	8.83	130	340676	63.290	ug/l		85
45) 1,2-Dichloropropane	9.11	63	286255	45.038	ug/l		98
46) Dibromomethane	9.20	93	224618	53.463	ug/l	#	87
47) Bromodichloromethane	9.40	83	470763	54.165	ug/l		100
48) Methyl methacrylate	9.19	41	227689	36.604	ug/l	#	79
49) 1,4-Dioxane	9.20	88	83231	977.271	ug/l	#	77
51) 4-Methyl-2-Pentanone	9.98	43	1368460	187.227	ug/l	#	87
52) Toluene	10.15	92	835975	60.818	ug/l		97
53) t-1,3-Dichloropropene	10.38	75	478230	52.954	ug/l		98
54) cis-1,3-Dichloropropene	9.83	75	511650	51.106	ug/l	#	85
55) 1,1,2-Trichloroethane	10.56	97	320844	57.994	ug/l		93
56) Ethyl methacrylate	10.43	69	429746	51.282	ug/l	#	78
57) 1,3-Dichloropropane	10.70	76	500936	53.325	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.69	63	555450	280.335	ug/l	#	82
59) 2-Hexanone	10.75	43	959325	190.989	ug/l		86
60) Dibromochloromethane	10.90	129	383946	64.235	ug/l		100
61) 1,2-Dibromoethane	11.00	107	342921	62.568	ug/l		97
64) Tetrachloroethene	10.63	164	343542	63.292	ug/l		95
65) Chlorobenzene	11.43	112	913000	59.322	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.51	131	361638	60.936	ug/l		98
67) Ethyl Benzene	11.51	91	1650134	56.426	ug/l		95
68) m/p-Xylenes	11.62	106	1284282	126.379	ug/l		89
69) o-Xylene	11.95	106	621135	61.966	ug/l		93
70) Styrene	11.96	104	1019084	64.120	ug/l		94
71) Bromoform	12.13	173	257030	63.756	ug/l	#	100
73) Isopropylbenzene	12.25	105	1678675	41.153	ug/l		98
74) N-amyl acetate	12.07	43	404465	23.167	ug/l	#	84
75) 1,1,2,2-Tetrachloroethane	12.50	83	399614	34.157	ug/l		99
76) 1,2,3-Trichloropropane	12.55	75	340149m	37.605	ug/l		
77) Bromobenzene	12.53	156	400081	48.289	ug/l		71
78) n-propylbenzene	12.59	91	1793023	41.747	ug/l		94
79) 2-Chlorotoluene	12.67	91	1064758	41.602	ug/l		92
80) 1,3,5-Trimethylbenzene	12.73	105	1453798	44.997	ug/l		98
81) trans-1,4-Dichloro-2-buten	12.30	75	117973	34.312	ug/l		87
82) 4-Chlorotoluene	12.77	91	1056332	43.180	ug/l		91
83) tert-Butylbenzene	12.99	119	1250355	43.315	ug/l		92
84) 1,2,4-Trimethylbenzene	13.04	105	1418304	49.482	ug/l		98
85) sec-Butylbenzene	13.17	105	1624429	46.170	ug/l		97
86) p-Isopropyltoluene	13.29	119	1463618	50.404	ug/l		95
87) 1,3-Dichlorobenzene	13.28	146	667638	54.832	ug/l		96
88) 1,4-Dichlorobenzene	13.36	146	634867	53.486	ug/l		95
89) n-Butylbenzene	13.62	91	1124094	46.735	ug/l		97
90) Hexachloroethane	13.88	117	266127	40.461	ug/l		85
91) 1,2-Dichlorobenzene	13.66	146	643438	55.408	ug/l		95
92) 1,2-Dibromo-3-Chloropropan	14.27	75	65431	34.746	ug/l		66

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	223890	52.711	ug/l	98
94) Hexachlorobutadiene	15.01	225	183262	50.610	ug/l	98
95) Naphthalene	15.13	128	653794	47.489	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	217187	49.352	ug/l	98

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

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