Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092319\
Data File : BM022747.D
Acq On : 23 Sep 2019 19:01
Operator : HP/JU
Sample : K3591-09
Misc : MDL-W-8PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-MDL-WATER-03-QT3-2019

Quant Time: Sep 24 07:09:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 24 07:00:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	171322	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	743415	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	477815	20.00	ng		0.00
64) Phenanthrene-d10	17.20	188	1012624	20.00	ng		0.00
76) Chrysene-d12	21.37	240	1111836	20.00	ng		0.00
87) Perylene-d12	23.64	264	1273506	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1014360	93.90	ng		0.00
7) Phenol-d6	6.99	99	1356987	97.80	ng		0.00
23) Nitrobenzene-d5	8.97	82	1002780	74.88	ng		0.00
42) 2,4,6-Tribromophenol	15.95	330	584569	98.00	ng		0.00
45) 2-Fluorobiphenyl	13.08	172	2554241	73.61	ng		0.00
79) Terphenyl-d14	19.82	244	4265021	74.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	34508	7.939	ng	#	100
3) Pyridine	3.74	79	79022	6.897	ng		96
4) n-Nitrosodimethylamine	3.64	42	30055	7.206	ng	#	88
6) Aniline	7.15	93	135757	8.160	ng		99
8) 2-Chlorophenol	7.39	128	88942	8.081	ng		98
9) Benzaldehyde	6.96	77	76877	9.731	ng		98
10) Phenol	7.01	94	110437	8.455	ng		97
11) bis(2-Chloroethyl)ether	7.25	93	84158	8.201	ng		98
12) 1,3-Dichlorobenzene	7.72	146	100211	7.618	ng		98
13) 1,4-Dichlorobenzene	7.86	146	102632	7.707	ng		99
14) 1,2-Dichlorobenzene	8.17	146	97622	7.689	ng		99
15) Benzyl Alcohol	8.06	79	71791	8.269	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	125722	8.433	ng		99
17) 2-Methylphenol	8.26	107	69834	8.077	ng		99
18) Hexachloroethane	8.90	117	33851	6.930	ng		93
19) n-Nitroso-di-n-propylamine	8.63	70	64521	8.328	ng		97
20) 3+4-Methylphenols	8.59	107	93447	8.115	ng		97
22) Acetophenone	8.65	105	137162	7.475	ng	#	99
24) Nitrobenzene	9.02	77	104112	8.125	ng		96
25) Isophorone	9.55	82	167642	7.613	ng		99
26) 2-Nitrophenol	9.73	139	32925	5.952	ng		99
27) 2,4-Dimethylphenol	9.79	122	70155	7.576	ng		99
28) bis(2-Chloroethoxy)methane	10.03	93	119048	7.813	ng		99
29) 2,4-Dichlorophenol	10.26	162	75027	7.166	ng		98
30) 1,2,4-Trichlorobenzene	10.48	180	93943	7.293	ng		98
31) Naphthalene	10.66	128	294888	8.028	ng		100
32) Benzoic acid	9.85	122	24348	4.085	ng		96
33) 4-Chloroaniline	10.77	127	122936	7.708	ng		98
34) Hexachlorobutadiene	10.96	225	52309	6.812	ng		98
35) Caprolactam	11.55	113	21034	6.776	ng		98
36) 4-Chloro-3-methylphenol	11.89	107	80609	7.891	ng		99
37) 2-Methylnaphthalene	12.27	142	207490	8.115	ng		99
38) 1-Methylnaphthalene	12.50	142	197883	8.153	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	102657	6.341	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	49639	5.619	ng		97
43) 2,4,6-Trichlorophenol	12.89	196	58562	6.267	ng		96
44) 2,4,5-Trichlorophenol	12.95	196	67767	6.959	ng		97
46) 1,1'-Biphenyl	13.29	154	277158	7.009	ng		100
47) 2-Chloronaphthalene	13.33	162	214794	7.287	ng		99
48) 2-Nitroaniline	13.53	65	45025	5.866	ng		93
49) Acenaphthylene	14.18	152	322084	7.379	ng		99
50) Dimethylphthalate	13.91	163	263990	7.645	ng		100
51) 2,6-Dinitrotoluene	14.02	165	49627	6.871	ng		92
52) Acenaphthene	14.52	154	213951	7.492	ng		99
53) 3-Nitroaniline	14.35	138	51259	6.165	ng	#	94
54) 2,4-Dinitrophenol	14.55	184	17026	4.992	ng		97
55) Dibenzofuran	14.86	168	337878	8.105	ng		99
56) 4-Nitrophenol	14.65	139	41611	6.511	ng		91
57) 2,4-Dinitrotoluene	14.81	165	58441	6.176	ng		91
58) Fluorene	15.50	166	266480	7.866	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	57658	6.789	ng		97
60) Diethylphthalate	15.27	149	254254	7.573	ng		99
61) 4-Chlorophenyl-phenylether	15.50	204	131966	7.581	ng		97
62) 4-Nitroaniline	15.51	138	56982	6.536	ng		98
63) Azobenzene	15.79	77	231125	7.623	ng		99
65) 4,6-Dinitro-2-methylphenol	15.57	198	27518	5.803	ng		97
66) n-Nitrosodiphenylamine	15.71	169	227471	7.353	ng		98
67) 4-Bromophenyl-phenylether	16.39	248	76243	6.769	ng		98
68) Hexachlorobenzene	16.51	284	89379	6.805	ng		100
69) Atrazine	16.66	200	68077	6.769	ng		100
70) Pentachlorophenol	16.84	266	42643	6.088	ng		100
71) Phenanthrene	17.24	178	437402	7.655	ng		99
72) Anthracene	17.33	178	406996	7.350	ng		99
73) Carbazole	17.59	167	393594	7.638	ng		100
74) Di-n-butylphthalate	18.16	149	378978	6.486	ng		100
75) Fluoranthene	19.25	202	493825	7.659	ng		99
77) Benzidine	19.43	184	212811	6.977	ng		99
78) Pyrene	19.61	202	523985	7.191	ng		99
80) Butylbenzylphthalate	20.52	149	160664	5.802	ng		97
81) Benzo(a)anthracene	21.36	228	543311	7.540	ng		99
82) 3,3'-Dichlorobenzidine	21.29	252	186305	7.290	ng		100
83) Chrysene	21.41	228	539217	7.719	ng		100
84) Bis(2-ethylhexyl)phthalate	21.29	149	257560	6.277	ng	#	97
85) Di-n-octyl phthalate	22.18	149	415678	6.357	ng		96
86) Indeno(1,2,3-cd)pyrene	25.95	276	668089	8.012	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	545110	7.070	ng		99
89) Benzo(k)fluoranthene	23.00	252	568570	7.432	ng		99
90) Benzo(a)pyrene	23.54	252	525211	7.392	ng		98
91) Dibenzo(a,h)anthracene	25.96	278	565937	7.615	ng		98
92) Benzo(g,h,i)perylene	26.66	276	545038	7.721	ng		100

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

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