Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
Data File : BN000761.D
Acq On : 19 Apr 2018 03:44
Operator : JU/SJ
Sample : J2133-09
Misc : 1PPM MDL
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-WATER-03-QT2-2018

Quant Time: Apr 19 05:47:21 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN041818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 18 16:58:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	115009	20.00	ng		0.00
21) Naphthalene-d8	10.39	136	476969	20.00	ng		0.00
38) Acenaphthene-d10	14.26	164	240977	20.00	ng		0.00
63) Phenanthrene-d10	17.00	188	492268	20.00	ng		0.00
75) Chrysene-d12	21.21	240	452858	20.00	ng		-0.01
86) Perylene-d12	23.40	264	461474	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1057403	136.58	ng		0.00
7) Phenol-d6	6.81	99	1381256	130.92	ng		0.00
23) Nitrobenzene-d5	8.78	82	747631	81.71	ng		0.00
41) 2,4,6-Tribromophenol	15.75	330	351460	144.88	ng		0.00
44) 2-Fluorobiphenyl	12.88	172	1492573	85.50	ng		0.00
78) Terphenyl-d14	19.66	244	1729149	82.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	4239	1.194	ng	#	75
3) Pyridine	3.66	79	6115	0.654	ng	#	80
4) n-Nitrosodimethylamine	3.56	42	1572	0.611	ng	#	92
6) Aniline	6.97	93	12153	0.868	ng		96
8) 2-Chlorophenol	7.20	128	8287	1.035	ng		90
9) Benzaldehyde	6.79	77	5383	Below Cal			97
10) Phenol	6.83	94	11075	0.996	ng		93
11) bis(2-Chloroethyl)ether	7.07	93	8508	0.935	ng		83
12) 1,3-Dichlorobenzene	7.52	146	9317	1.002	ng		100
13) 1,4-Dichlorobenzene	7.66	146	9586	1.015	ng		94
14) 1,2-Dichlorobenzene	7.98	146	9176	1.018	ng		93
15) Benzyl Alcohol	7.86	79	5246	0.723	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.16	45	9247	0.957	ng		75
17) 2-Methylphenol	8.06	107	6077	0.813	ng		90
18) Hexachloroethane	8.69	117	3053	0.877	ng	#	78
19) n-Nitroso-di-n-propylamine	8.43	70	4710	0.718	ng	#	85
20) 3+4-Methylphenols	8.39	107	7949	0.774	ng		95
22) Acetophenone	8.44	105	11818	0.865	ng	#	87
24) Nitrobenzene	8.81	77	9779	0.997	ng		93
25) Isophorone	9.33	82	12257	0.739	ng		98
26) 2-Nitrophenol	9.52	139	2505	0.623	ng		91
27) 2,4-Dimethylphenol	9.58	122	4930	0.751	ng		91
28) bis(2-Chloroethoxy)methane	9.82	93	9162	0.848	ng		96
29) 2,4-Dichlorophenol	10.05	162	4593	0.711	ng		87
30) 1,2,4-Trichlorobenzene	10.26	180	7861	1.009	ng		89
31) Naphthalene	10.45	128	26051	1.016	ng		96
32) Benzoic acid	9.63	122	243	4.630	ng	#	75
33) 4-Chloroaniline	10.56	127	7681	0.734	ng		96
34) Hexachlorobutadiene	10.73	225	4130	0.976	ng		91
35) Caprolactam	11.30	113	114	0.051	ng	#	87
36) 4-Chloro-3-methylphenol	11.68	107	4465	0.585	ng		98
37) 2-Methylnaphthalene	12.06	142	16015	0.953	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	7450	0.997	ng	#	96
40) Hexachlorocyclopentadiene	12.42	237	3387	0.773	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	2797	0.617	ng		97
43) 2,4,5-Trichlorophenol	12.75	196	2836	0.542	ng	#	94
45) 1,1'-Biphenyl	13.09	154	25851	1.198	ng		96
46) 2-Chloronaphthalene	13.12	162	16534	1.022	ng		97
47) 2-Nitroaniline	13.33	65	2306	0.492	ng		99
48) Acenaphthylene	13.97	152	20527	0.801	ng		98
49) Dimethylphthalate	13.72	163	15745	0.818	ng		99
50) 2,6-Dinitrotoluene	13.83	165	1927	0.472	ng	#	85
51) Acenaphthene	14.32	154	15498	0.992	ng		97
52) 3-Nitroaniline	14.16	138	2025	0.436	ng	#	90
53) 2,4-Dinitrophenol	14.37	184	225	5.792	ng	#	17
54) Dibenzofuran	14.66	168	23182	1.019	ng		97
55) 4-Nitrophenol	14.47	139	731	0.212	ng	#	79
56) 2,4-Dinitrotoluene	14.62	165	2322	0.435	ng	#	89
57) Fluorene	15.31	166	16717	0.930	ng		94
58) 2,3,4,6-Tetrachlorophenol	14.89	232	1950	0.485	ng	#	85
59) Diethylphthalate	15.10	149	13854	0.726	ng		99
60) 4-Chlorophenyl-phenylether	15.31	204	8491	1.010	ng		93
61) 4-Nitroaniline	15.32	138	1648	0.361	ng		89
62) Azobenzene	15.60	77	13855	0.678	ng		88
64) 4,6-Dinitro-2-methylphenol	15.39	198	767	0.252	ng		90
65) n-Nitrosodiphenylamine	15.53	169	12319	0.745	ng		98
66) 4-Bromophenyl-phenylether	16.20	248	4328	0.865	ng	#	85
67) Hexachlorobenzene	16.31	284	5586	0.965	ng	#	87
68) Atrazine	16.48	200	1824	0.407	ng		82
69) Pentachlorophenol	16.66	266	1434	0.383	ng		95
70) Phenanthrene	17.05	178	28169	0.988	ng		100
71) Anthracene	17.14	178	22108	0.792	ng		97
72) Carbazole	17.41	167	19355	0.738	ng		97
73) Di-n-butylphthalate	17.99	149	15792	0.528	ng	#	99
74) Fluoranthene	19.07	202	24196	0.842	ng		93
76) Benzidine	19.26	184	3565	0.291	ng		96
77) Pyrene	19.43	202	25205	0.773	ng		98
79) Butylbenzylphthalate	20.36	149	5148	0.375	ng		96
80) Benzo(a)anthracene	21.19	228	24906	0.873	ng		97
81) 3,3'-Dichlorobenzidine	21.13	252	4474	0.498	ng	#	92
82) Chrysene	21.25	228	27967	1.012	ng		95
83) Bis(2-ethylhexyl)phthalate	21.15	149	7371	0.351	ng	#	91
84) Di-n-octyl phthalate	22.03	149	10909	0.363	ng	#	99
85) Indeno(1,2,3-cd)pyrene	26.23	276	21512	0.905	ng	#	91
87) Benzo(b)fluoranthene	22.75	252	22884	0.816	ng	#	91
88) Benzo(k)fluoranthene	22.79	252	23980	0.859	ng	#	97
89) Benzo(a)pyrene	23.30	252	19309	0.755	ng	#	91
90) Dibenzo(a,h)anthracene	25.59	278	21948	0.871	ng	#	93
91) Benzo(g,h,i)perylene	26.23	276	21512	0.874	ng	#	88

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

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