Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
Data File : BN000762.D
Acq On : 19 Apr 2018 04:19
Operator : JU/SJ
Sample : J2133-09
Misc : 2PPM MDL
ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Apr 19 05:47:51 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	110489	20.00	ng		0.00
21) Naphthalene-d8	10.39	136	462503	20.00	ng		0.00
38) Acenaphthene-d10	14.26	164	238651	20.00	ng		0.00
63) Phenanthrene-d10	17.00	188	493783	20.00	ng		0.00
75) Chrysene-d12	21.21	240	475974	20.00	ng		-0.01
86) Perylene-d12	23.40	264	480157	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	1020573	137.21	ng		0.00
7) Phenol-d6	6.81	99	1333136	131.53	ng		0.00
23) Nitrobenzene-d5	8.78	82	728131	82.07	ng		0.00
41) 2,4,6-Tribromophenol	15.75	330	354793	147.68	ng		0.00
44) 2-Fluorobiphenyl	12.88	172	1474365	85.28	ng		0.00
78) Terphenyl-d14	19.65	244	1798177	81.46	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	7311	2.143	ng	#	84
3) Pyridine	3.65	79	12447	1.385	ng		95
4) n-Nitrosodimethylamine	3.55	42	3782	1.530	ng	#	93
6) Aniline	6.97	93	23248	1.729	ng		93
8) 2-Chlorophenol	7.20	128	15245	1.982	ng		92
9) Benzaldehyde	6.78	77	8550	0.164	ng		97
10) Phenol	6.83	94	20386	1.908	ng		95
11) bis(2-Chloroethyl)ether	7.07	93	16209	1.854	ng	#	82
12) 1,3-Dichlorobenzene	7.52	146	17799	1.992	ng		97
13) 1,4-Dichlorobenzene	7.66	146	17908	1.974	ng		97
14) 1,2-Dichlorobenzene	7.98	146	17134	1.979	ng		97
15) Benzyl Alcohol	7.86	79	10472	1.502	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.16	45	17527	1.888	ng		76
17) 2-Methylphenol	8.06	107	11458	1.595	ng		95
18) Hexachloroethane	8.69	117	6239	1.867	ng	#	80
19) n-Nitroso-di-n-propylamine	8.43	70	9705	1.539	ng	#	85
20) 3+4-Methylphenols	8.39	107	15089	1.529	ng		95
22) Acetophenone	8.44	105	23549	1.777	ng	#	89
24) Nitrobenzene	8.81	77	19089	2.007	ng	#	97
25) Isophorone	9.33	82	23601	1.468	ng		99
26) 2-Nitrophenol	9.52	139	4843	1.243	ng		94
27) 2,4-Dimethylphenol	9.58	122	9630	1.514	ng		92
28) bis(2-Chloroethoxy)methane	9.82	93	18012	1.719	ng		95
29) 2,4-Dichlorophenol	10.05	162	8612	1.375	ng		95
30) 1,2,4-Trichlorobenzene	10.26	180	15071	1.996	ng	#	96
31) Naphthalene	10.44	128	49723	2.000	ng		97
32) Benzoic acid	9.63	122	2644	4.997	ng		93
33) 4-Chloroaniline	10.55	127	16104	1.586	ng		96
34) Hexachlorobutadiene	10.73	225	7966	1.942	ng		95
35) Caprolactam	11.29	113	1422	0.656	ng	#	80
36) 4-Chloro-3-methylphenol	11.68	107	9511	1.286	ng		100
37) 2-Methylnaphthalene	12.06	142	31144	1.912	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	15066	2.036	ng	#	96
40) Hexachlorocyclopentadiene	12.42	237	6665	1.536	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	5597	1.247	ng		97
43) 2,4,5-Trichlorophenol	12.75	196	6824	1.316	ng		93
45) 1,1'-Biphenyl	13.09	154	46280	2.167	ng		97
46) 2-Chloronaphthalene	13.12	162	31599	1.973	ng		96
47) 2-Nitroaniline	13.33	65	4921	1.059	ng		89
48) Acenaphthylene	13.98	152	43115	1.698	ng		97
49) Dimethylphthalate	13.72	163	32600	1.709	ng		100
50) 2,6-Dinitrotoluene	13.83	165	4697	1.163	ng		92
51) Acenaphthene	14.32	154	30497	1.971	ng		96
52) 3-Nitroaniline	14.16	138	4617	1.004	ng	#	96
53) 2,4-Dinitrophenol	14.37	184	1168	6.210	ng	#	91
54) Dibenzofuran	14.66	168	45237	2.008	ng		97
55) 4-Nitrophenol	14.46	139	2345	0.687	ng	#	73
56) 2,4-Dinitrotoluene	14.62	165	5296	1.001	ng	#	93
57) Fluorene	15.31	166	33536	1.883	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.88	232	4974	1.248	ng	#	89
59) Diethylphthalate	15.10	149	30121	1.594	ng		95
60) 4-Chlorophenyl-phenylether	15.31	204	16737	2.010	ng		92
61) 4-Nitroaniline	15.32	138	4244	0.938	ng		97
62) Azobenzene	15.60	77	30422	1.503	ng		90
64) 4,6-Dinitro-2-methylphenol	15.38	198	2214	0.726	ng		85
65) n-Nitrosodiphenylamine	15.53	169	26146	1.577	ng		97
66) 4-Bromophenyl-phenylether	16.20	248	8681	1.730	ng	#	84
67) Hexachlorobenzene	16.31	284	11264	1.939	ng		94
68) Atrazine	16.48	200	3992	0.889	ng		94
69) Pentachlorophenol	16.66	266	3373	0.899	ng		96
70) Phenanthrene	17.05	178	56439	1.974	ng		99
71) Anthracene	17.13	178	48020	1.715	ng		99
72) Carbazole	17.41	167	41878	1.591	ng		98
73) Di-n-butylphthalate	17.99	149	34194	1.140	ng	#	97
74) Fluoranthene	19.07	202	50744	1.760	ng		92
76) Benzidine	19.26	184	7128	0.553	ng		95
77) Pyrene	19.43	202	56414	1.645	ng		99
79) Butylbenzylphthalate	20.36	149	11627	0.805	ng		96
80) Benzo(a)anthracene	21.19	228	52811	1.761	ng		98
81) 3,3'-Dichlorobenzidine	21.13	252	10080	1.068	ng	#	96
82) Chrysene	21.25	228	57244	1.971	ng		98
83) Bis(2-ethylhexyl)phthalate	21.16	149	18379	0.833	ng	#	96
84) Di-n-octyl phthalate	22.03	149	24455	0.775	ng	#	99
85) Indeno(1,2,3-cd)pyrene	26.23	276	45619	1.826	ng	#	91
87) Benzo(b)fluoranthene	22.75	252	49675	1.703	ng	#	94
88) Benzo(k)fluoranthene	22.79	252	51604	1.776	ng	#	96
89) Benzo(a)pyrene	23.30	252	43004	1.615	ng	#	94
90) Dibenzo(a,h)anthracene	25.59	278	46972	1.791	ng	#	90
91) Benzo(g,h,i)perylene	26.23	276	45619	1.781	ng	#	88

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

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