Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072017\
Data File : BM010907.D
Acq On : 20 Jul 2017 14:11
Operator : SJ/JU
Sample : IDOC-W-1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : IDOC-W-1

Quant Time: Jul 21 03:15:33 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	347300	20.00	ng		-0.01
21) Naphthalene-d8	10.20	136	1360534	20.00	ng		-0.01
38) Acenaphthene-d10	14.09	164	866465	20.00	ng		0.00
63) Phenanthrene-d10	16.84	188	1849742	20.00	ng		0.00
75) Chrysene-d12	21.06	240	1533665	20.00	ng		0.00
86) Perylene-d12	23.19	264	1182244	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	2824906	134.74	ng		0.00
7) Phenol-d6	6.64	99	3810540	131.84	ng		0.00
23) Nitrobenzene-d5	8.59	82	2844098	80.35	ng		0.00
41) 2,4,6-Tribromophenol	15.59	330	1599807	120.82	ng		0.00
44) 2-Fluorobiphenyl	12.70	172	5847705	83.96	ng		0.00
78) Terphenyl-d14	19.50	244	6698448	84.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	269456	29.126	ng	#	100
3) Pyridine	3.46	79	794882	31.434	ng		91
4) n-Nitrosodimethylamine	3.38	42	460747	35.651	ng	#	80
6) Aniline	6.79	93	1353326	37.377	ng		91
8) 2-Chlorophenol	7.02	128	866756	41.755	ng		86
9) Benzaldehyde	6.60	77	575127	28.657	ng		86
10) Phenol	6.67	94	1327146	43.428	ng		91
11) bis(2-Chloroethyl)ether	6.89	93	930349	39.528	ng		94
12) 1,3-Dichlorobenzene	7.33	146	960133	37.427	ng	#	85
13) 1,4-Dichlorobenzene	7.47	146	984930	37.205	ng	#	91
14) 1,2-Dichlorobenzene	7.79	146	946216	37.509	ng	#	89
15) Benzyl Alcohol	7.69	79	1148437	41.961	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	7.97	45	860113	42.151	ng		78
17) 2-Methylphenol	7.89	107	873977	44.221	ng	#	83
18) Hexachloroethane	8.50	117	416524	37.511	ng	#	82
19) n-Nitroso-di-n-propylamine	8.25	70	912238	39.843	ng	#	90
20) 3+4-Methylphenols	8.22	107	1172407	42.697	ng		86
22) Acetophenone	8.26	105	1597579	38.999	ng	#	98
24) Nitrobenzene	8.63	77	1431869	39.472	ng		92
25) Isophorone	9.15	82	2364181	40.771	ng	#	87
26) 2-Nitrophenol	9.33	139	492611	40.810	ng	#	39
27) 2,4-Dimethylphenol	9.40	122	854485	39.662	ng	#	66
28) bis(2-Chloroethoxy)methane	9.64	93	1362917	41.928	ng		97
29) 2,4-Dichlorophenol	9.86	162	992978	40.802	ng		96
30) 1,2,4-Trichlorobenzene	10.07	180	1145986	38.518	ng		99
31) Naphthalene	10.25	128	2745607	39.689	ng		99
32) Benzoic acid	9.56	122	626894	37.087	ng	#	69
33) 4-Chloroaniline	10.37	127	545717	19.580	ng	#	77
34) Hexachlorobutadiene	10.54	225	863764	37.416	ng		99
35) Caprolactam	11.16	113	258077	39.832	ng	#	87
36) 4-Chloro-3-methylphenol	11.50	107	1164917	39.572	ng	#	74
37) 2-Methylnaphthalene	11.87	142	2099032	42.244	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	1450722	38.411	ng	#	100
40) Hexachlorocyclopentadiene	12.23	237	2190961	101.195	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.50	196	919578	39.541	ng		98
43) 2,4,5-Trichlorophenol	12.57	196	952906	41.502	ng	#	90
45) 1,1'-Biphenyl	12.92	154	2833205	37.533	ng		98
46) 2-Chloronaphthalene	12.95	162	2267960	40.975	ng	#	93
47) 2-Nitroaniline	13.17	65	798820	43.903	ng	#	72
48) Acenaphthylene	13.81	152	3324252	40.381	ng		98
49) Dimethylphthalate	13.57	163	2843952	38.581	ng	#	98
50) 2,6-Dinitrotoluene	13.68	165	615607	42.577	ng	#	76
51) Acenaphthene	14.16	154	2005445	39.868	ng		98
52) 3-Nitroaniline	14.01	138	439319	33.423	ng	#	37
53) 2,4-Dinitrophenol	14.22	184	795764	79.617	ng	#	84
54) Dibenzofuran	14.50	168	3431050	42.166	ng		93
55) 4-Nitrophenol	14.33	139	815636	71.449	ng	#	1
56) 2,4-Dinitrotoluene	14.47	165	805248	40.136	ng	#	96
57) Fluorene	15.15	166	2738537	39.151	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.73	232	905076	42.424	ng	#	100
59) Diethylphthalate	14.94	149	2814448	38.660	ng		99
60) 4-Chlorophenyl-phenylether	15.15	204	1636713	38.092	ng		99
61) 4-Nitroaniline	15.19	138	504332	36.710	ng	#	1
62) Azobenzene	15.44	77	3239673	43.825	ng		89
64) 4,6-Dinitro-2-methylphenol	15.24	198	503724	41.298	ng		95
65) n-Nitrosodiphenylamine	15.37	169	2310529	43.654	ng		100
66) 4-Bromophenyl-phenylether	16.05	248	1049718	44.779	ng	#	90
67) Hexachlorobenzene	16.15	284	1087078	40.554	ng	#	86
68) Atrazine	16.34	200	884454	40.350	ng		96
69) Pentachlorophenol	16.50	266	1331758	77.500	ng		99
70) Phenanthrene	16.89	178	4140290	43.025	ng		100
71) Anthracene	16.98	178	4150099	43.447	ng		100
72) Carbazole	17.26	167	3239660	38.509	ng		99
73) Di-n-butylphthalate	17.84	149	3966361	39.851	ng	#	97
74) Fluoranthene	18.92	202	4526125	37.978	ng		98
76) Benzidine	19.12	184	2069563	50.426	ng		99
77) Pyrene	19.29	202	4470939	50.287	ng		99
79) Butylbenzylphthalate	20.22	149	1432744	46.028	ng	#	71
80) Benzo(a)anthracene	21.04	228	3749012	42.187	ng		99
81) 3,3'-Dichlorobenzidine	20.99	252	1134280	32.461	ng	#	96
82) Chrysene	21.10	228	3455298	40.826	ng		99
83) Bis(2-ethylhexyl)phthalate	21.00	149	1945931	42.929	ng	#	99
84) Di-n-octyl phthalate	21.86	149	2901206	39.064	ng	#	100
85) Indeno(1,2,3-cd)pyrene	25.29	276	3487220	35.933	ng	#	100
87) Benzo(b)fluoranthene	22.56	252	3241717	43.167	ng	#	92
88) Benzo(k)fluoranthene	22.60	252	3145720	43.856	ng	#	95
89) Benzo(a)pyrene	23.10	252	3028816	44.310	ng	#	96
90) Dibenzo(a,h)anthracene	25.30	278	2855868	43.047	ng	#	92
91) Benzo(g,h,i)perylene	25.93	276	2899645	44.462	ng	#	86

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

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