Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
Data File : BM010864.D
Acq On : 18 Jul 2017 08:55
Operator : SJ/JU
Sample : I4176-05MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : VNJ-225-241-72-11938-COMPMS

Quant Time: Jul 18 15:52:30 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	7.45	152	247894	20.00	ng		0.00
21) Naphthalene-d8	10.20	136	1020926	20.00	ng		0.00
38) Acenaphthene-d10	14.09	164	638171	20.00	ng		0.00
63) Phenanthrene-d10	16.85	188	1437960	20.00	ng		0.00
75) Chrysene-d12	21.06	240	1257299	20.00	ng		0.00
86) Perylene-d12	23.19	264	762301	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	2069135	138.26	ng		0.00
7) Phenol-d6	6.65	99	2604769	126.26	ng		0.00
23) Nitrobenzene-d5	8.59	82	2341438	88.15	ng		0.00
41) 2,4,6-Tribromophenol	15.60	330	1404014	143.97	ng		0.00
44) 2-Fluorobiphenyl	12.71	172	5534111	107.88	ng		0.00
78) Terphenyl-d14	19.51	244	7935240	122.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	226532	34.306	ng	#	100
3) Pyridine	3.48	79	469545	26.014	ng		89
4) n-Nitrosodimethylamine	3.39	42	385153	41.752	ng	#	67
6) Aniline	6.80	93	264124	10.220	ng	#	92
8) 2-Chlorophenol	7.02	128	697569	47.080	ng		91
9) Benzaldehyde	6.60	77	181060	12.639	ng		82
10) Phenol	6.67	94	900462	41.282	ng		97
11) bis(2-Chloroethyl)ether	6.89	93	755422	44.967	ng		95
12) 1,3-Dichlorobenzene	7.33	146	784328	42.835	ng	#	85
13) 1,4-Dichlorobenzene	7.48	146	796253	42.139	ng	#	91
14) 1,2-Dichlorobenzene	7.79	146	755341	41.949	ng	#	91
15) Benzyl Alcohol	7.69	79	768805	39.355	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	7.98	45	675368	46.370	ng		82
17) 2-Methylphenol	7.89	107	656620	46.546	ng	#	79
18) Hexachloroethane	8.50	117	341454	43.081	ng	#	82
19) n-Nitroso-di-n-propylamine	8.25	70	732868	44.845	ng		94
20) 3+4-Methylphenols	8.22	107	895601	45.696	ng		85
22) Acetophenone	8.26	105	1312111	42.685	ng	#	96
24) Nitrobenzene	8.63	77	1150781	42.276	ng		91
25) Isophorone	9.16	82	1912922	43.963	ng	#	87
26) 2-Nitrophenol	9.33	139	396810	43.809	ng	#	37
27) 2,4-Dimethylphenol	9.40	122	702414	43.449	ng	#	74
28) bis(2-Chloroethoxy)methane	9.64	93	1058180	43.382	ng	#	98
29) 2,4-Dichlorophenol	9.86	162	809638	44.335	ng		93
30) 1,2,4-Trichlorobenzene	10.07	180	931129	41.707	ng		99
31) Naphthalene	10.25	128	2271121	43.750	ng		99
32) Benzoic acid	9.56	122	450666	35.530	ng	#	66
33) 4-Chloroaniline	10.38	127	63887	3.055	ng	#	74
34) Hexachlorobutadiene	10.55	225	717233	41.403	ng		98
35) Caprolactam	11.17	113	157632	32.422	ng		92
36) 4-Chloro-3-methylphenol	11.51	107	922991	41.784	ng	#	73
37) 2-Methylnaphthalene	11.88	142	1741256	46.700	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	1215689	43.703	ng	#	100
40) Hexachlorocyclopentadiene	12.24	237	1795331	112.585	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.51	196	746231	43.566	ng		97
43) 2,4,5-Trichlorophenol	12.58	196	773058	45.713	ng	#	88
45) 1,1'-Biphenyl	12.92	154	2376089	42.737	ng		97
46) 2-Chloronaphthalene	12.96	162	1893471	46.447	ng	#	93
47) 2-Nitroaniline	13.17	65	619279	46.211	ng	#	74
48) Acenaphthylene	13.81	152	2773815	45.748	ng		99
49) Dimethylphthalate	13.57	163	2374947	43.744	ng		99
50) 2,6-Dinitrotoluene	13.69	165	500309	46.981	ng	#	66
51) Acenaphthene	14.16	154	1710229	46.161	ng		97
52) 3-Nitroaniline	14.01	138	200565	20.718	ng	#	30
53) 2,4-Dinitrophenol	14.22	184	664580	90.278	ng	#	90
54) Dibenzofuran	14.50	168	2878433	48.030	ng	#	90
55) 4-Nitrophenol	14.34	139	565023	67.202	ng	#	1
56) 2,4-Dinitrotoluene	14.47	165	673619	45.586	ng		93
57) Fluorene	15.15	166	2320704	45.046	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.73	232	751050	47.798	ng	#	100
59) Diethylphthalate	14.95	149	2377947	44.350	ng		99
60) 4-Chlorophenyl-phenylether	15.16	204	1414893	44.709	ng		98
61) 4-Nitroaniline	15.18	138	286432	28.307	ng	#	1
62) Azobenzene	15.45	77	2668971	49.020	ng		90
64) 4,6-Dinitro-2-methylphenol	15.25	198	427154	45.049	ng		90
65) n-Nitrosodiphenylamine	15.37	169	1441032	35.023	ng		99
66) 4-Bromophenyl-phenylether	16.05	248	910501	49.963	ng	#	88
67) Hexachlorobenzene	16.16	284	942942	45.250	ng	#	87
68) Atrazine	16.33	200	122216	7.172	ng		97
69) Pentachlorophenol	16.50	266	1122237	84.008	ng		96
70) Phenanthrene	16.89	178	3612032	48.285	ng		98
71) Anthracene	16.98	178	3559319	47.933	ng		100
72) Carbazole	17.26	167	1551600	23.725	ng		99
73) Di-n-butylphthalate	17.85	149	3438593	44.442	ng	#	97
74) Fluoranthene	18.92	202	3907731	42.179	ng		98
76) Benzidine	19.13	184	475157m	14.122	ng		
77) Pyrene	19.29	202	3911852	53.670	ng		99
79) Butylbenzylphthalate	20.22	149	1325715	51.951	ng	#	79
80) Benzo(a)anthracene	21.05	228	3443905	47.272	ng		99
81) 3,3'-Dichlorobenzidine	20.99	252	405466	14.154	ng	#	97
82) Chrysene	21.10	228	3244884	46.768	ng		98
83) Bis(2-ethylhexyl)phthalate	21.01	149	1760389	47.373	ng	#	98
84) Di-n-octyl phthalate	21.86	149	2785089	45.743	ng		99
85) Indeno(1,2,3-cd)pyrene	25.30	276	3493991	43.916	ng	#	100
87) Benzo(b)fluoranthene	22.56	252	3322700	68.620	ng	#	93
88) Benzo(k)fluoranthene	22.60	252	2999623	64.857	ng	#	94
89) Benzo(a)pyrene	23.10	252	2895604	65.698	ng	#	97
90) Dibenzo(a,h)anthracene	25.31	278	3017740	70.544	ng	#	92
91) Benzo(g,h,i)perylene	25.93	276	2870467	68.261	ng	#	85

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

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