Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071817\
Data File : BM010879.D
Acq On : 18 Jul 2017 20:17
Operator : SJ/JU
Sample : PB100721BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB100721BS

Manual Integrations APPROVED
mohammad
7/19/2017 2:30:42 PM

Quant Time: Jul 19 05:59:01 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	238172	20.00	ng		0.00
21) Naphthalene-d8	10.20	136	962200	20.00	ng		-0.01
38) Acenaphthene-d10	14.09	164	608766	20.00	ng		0.00
63) Phenanthrene-d10	16.84	188	1386714	20.00	ng		0.00
75) Chrysene-d12	21.06	240	1317851	20.00	ng		0.00
86) Perylene-d12	23.19	264	1118775	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	1768280	122.98	ng		0.00
7) Phenol-d6	6.64	99	2293271	115.70	ng		0.00
23) Nitrobenzene-d5	8.59	82	1801587	71.97	ng		0.00
41) 2,4,6-Tribromophenol	15.60	330	1039492	111.74	ng		0.00
44) 2-Fluorobiphenyl	12.70	172	3792521	77.50	ng		0.00
78) Terphenyl-d14	19.50	244	4877276	71.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	195996	30.893	ng	#	100
3) Pyridine	3.46	79	545888	31.478	ng		87
4) n-Nitrosodimethylamine	3.38	42	332971	37.569	ng	#	69
6) Aniline	6.79	93	605190	24.373	ng		92
8) 2-Chlorophenol	7.02	128	534711	37.562	ng		83
9) Benzaldehyde	6.60	77	321235	23.340	ng		89
10) Phenol	6.67	94	785794	37.495	ng		96
11) bis(2-Chloroethyl)ether	6.89	93	583655	36.160	ng		91
12) 1,3-Dichlorobenzene	7.33	146	622040	35.358	ng	#	83
13) 1,4-Dichlorobenzene	7.47	146	637822	35.132	ng	#	88
14) 1,2-Dichlorobenzene	7.79	146	615288	35.566	ng	#	90
15) Benzyl Alcohol	7.69	79	708057	37.725	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	7.97	45	523859	37.436	ng		76
17) 2-Methylphenol	7.89	107	521343	38.465	ng	#	78
18) Hexachloroethane	8.50	117	281266	36.936	ng	#	82
19) n-Nitroso-di-n-propylamine	8.25	70	543594	34.621	ng		95
20) 3+4-Methylphenols	8.22	107	700675	37.209	ng		86
22) Acetophenone	8.26	105	982504	33.913	ng	#	94
24) Nitrobenzene	8.63	77	897985	35.003	ng	#	89
25) Isophorone	9.15	82	1422516	34.688	ng	#	87
26) 2-Nitrophenol	9.33	139	306412	35.893	ng	#	36
27) 2,4-Dimethylphenol	9.40	122	521427	34.222	ng	#	73
28) bis(2-Chloroethoxy)methane	9.64	93	807793	35.138	ng		98
29) 2,4-Dichlorophenol	9.86	162	601669	34.958	ng		94
30) 1,2,4-Trichlorobenzene	10.07	180	760288	36.133	ng		99
31) Naphthalene	10.25	128	1768622	36.150	ng		98
32) Benzoic acid	9.55	122	366160	30.629	ng	#	67
33) 4-Chloroaniline	10.38	127	162573	8.248	ng	#	77
34) Hexachlorobutadiene	10.54	225	573145	35.105	ng		99
35) Caprolactam	11.16	113	146861m	32.050	ng		
36) 4-Chloro-3-methylphenol	11.51	107	696065	33.434	ng	#	75
37) 2-Methylnaphthalene	11.87	142	1332778	37.927	ng	#	86
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	951757	35.867	ng	#	100
40) Hexachlorocyclopentadiene	12.24	237	1509111	99.207	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.51	196	570731	34.930	ng		97
43) 2,4,5-Trichlorophenol	12.57	196	604893	37.497	ng	#	89
45) 1,1'-Biphenyl	12.92	154	1816371	34.248	ng		98
46) 2-Chloronaphthalene	12.95	162	1429154	36.750	ng	#	93
47) 2-Nitroaniline	13.17	65	489747	38.311	ng	#	70
48) Acenaphthylene	13.81	152	2111794	36.512	ng		99
49) Dimethylphthalate	13.57	163	1773078	34.236	ng	#	98
50) 2,6-Dinitrotoluene	13.68	165	361415	35.578	ng	#	52
51) Acenaphthene	14.16	154	1285120	36.363	ng		98
52) 3-Nitroaniline	14.01	138	309835	33.551	ng	#	41
53) 2,4-Dinitrophenol	14.22	184	483950	68.916	ng	#	86
54) Dibenzofuran	14.50	168	2195886	38.411	ng	#	88
55) 4-Nitrophenol	14.33	139	509684	63.548	ng	#	1
56) 2,4-Dinitrotoluene	14.47	165	507886	36.031	ng	#	96
57) Fluorene	15.15	166	1764829	35.911	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.73	232	586097	39.102	ng	#	100
59) Diethylphthalate	14.95	149	1785911	34.917	ng		99
60) 4-Chlorophenyl-phenylether	15.16	204	1062933	35.210	ng		98
61) 4-Nitroaniline	15.18	138	327254	33.904	ng	#	1
62) Azobenzene	15.45	77	2093304	40.304	ng		87
64) 4,6-Dinitro-2-methylphenol	15.24	198	321118	35.117	ng		90
65) n-Nitrosodiphenylamine	15.37	169	1507721	37.998	ng		99
66) 4-Bromophenyl-phenylether	16.05	248	673340	38.314	ng	#	90
67) Hexachlorobenzene	16.16	284	725613	36.108	ng	#	91
68) Atrazine	16.34	200	582572	35.453	ng		95
69) Pentachlorophenol	16.50	266	876729	68.056	ng		97
70) Phenanthrene	16.89	178	2761454	38.279	ng		100
71) Anthracene	16.98	178	2780310	38.826	ng		98
72) Carbazole	17.26	167	2212505	35.081	ng		99
73) Di-n-butylphthalate	17.84	149	2640039	35.382	ng	#	96
74) Fluoranthene	18.92	202	3124770	34.974	ng		99
76) Benzidine	19.12	184	1568281	44.470	ng		99
77) Pyrene	19.29	202	3194924	41.819	ng		100
79) Butylbenzylphthalate	20.22	149	1018535	38.080	ng	#	70
80) Benzo(a)anthracene	21.04	228	2900828	37.988	ng		99
81) 3,3'-Dichlorobenzidine	20.99	252	806808	26.871	ng	#	97
82) Chrysene	21.10	228	2688190	36.964	ng		100
83) Bis(2-ethylhexyl)phthalate	21.00	149	1440610	36.986	ng		100
84) Di-n-octyl phthalate	21.86	149	2304330	36.108	ng		99
85) Indeno(1,2,3-cd)pyrene	25.29	276	2887030	34.620	ng	#	100
87) Benzo(b)fluoranthene	22.56	252	2636774	37.104	ng	#	91
88) Benzo(k)fluoranthene	22.60	252	2589938	38.156	ng	#	95
89) Benzo(a)pyrene	23.10	252	2494041	38.557	ng	#	96
90) Dibenzo(a,h)anthracene	25.30	278	2367692	37.713	ng	#	92
91) Benzo(g,h,i)perylene	25.93	276	2390367	38.732	ng	#	85

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

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