Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072617\
Data File : BM010979.D
Acq On : 26 Jul 2017 20:13
Operator : SJ/JU
Sample : PB100831BS
Misc :
ALS Vial : 17 Sample Multiplier: 2

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
Sohil
7/27/2017 6:21:31 PM

Quant Time: Jul 27 09:22:28 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	548024	40.00	ng		0.00
21) Naphthalene-d8	10.16	136	2328182	40.00	ng		0.00
38) Acenaphthene-d10	14.05	164	1663917	40.00	ng		0.00
63) Phenanthrene-d10	16.81	188	4147992	40.00	ng		0.00
75) Chrysene-d12	21.03	240	3424509	40.00	ng		0.00
86) Perylene-d12	23.14	264	2452037	40.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	2352125	145.11	ng		0.00
7) Phenol-d6	6.60	99	3191042	138.56	ng		0.01
23) Nitrobenzene-d5	8.55	82	2615352	84.32	ng		0.00
41) 2,4,6-Tribromophenol	15.56	330	1836796	137.75	ng		0.00
44) 2-Fluorobiphenyl	12.66	172	6004862	90.52	ng		0.00
78) Terphenyl-d14	19.47	244	8423965	97.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.04	88	218755	30.057	ng	#	100
3) Pyridine	3.41	79	659206	33.160	ng	#	86
4) n-Nitrosodimethylamine	3.33	42	432193	42.662	ng	#	67
6) Aniline	6.75	93	986267	33.978	ng		93
8) 2-Chlorophenol	6.97	128	724563	44.028	ng		84
9) Benzaldehyde	6.55	77	288616	19.368	ng	#	80
10) Phenol	6.63	94	1086559	43.436	ng		98
11) bis(2-Chloroethyl)ether	6.85	93	787208	40.388	ng		94
12) 1,3-Dichlorobenzene	7.28	146	806458	40.210	ng	#	80
13) 1,4-Dichlorobenzene	7.43	146	832987	40.518	ng	#	89
14) 1,2-Dichlorobenzene	7.74	146	796442	40.519	ng	#	89
15) Benzyl Alcohol	7.65	79	1023044	46.305	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	7.93	45	746393	42.556	ng		78
17) 2-Methylphenol	7.85	107	720685	45.078	ng	#	78
18) Hexachloroethane	8.45	117	370205	41.293	ng	#	80
19) n-Nitroso-di-n-propylamine	8.21	70	814410	41.613	ng	#	94
20) 3+4-Methylphenols	8.17	107	999522	44.975	ng	#	83
22) Acetophenone	8.22	105	1383454	39.647	ng	#	94
24) Nitrobenzene	8.59	77	1295141	40.296	ng	#	87
25) Isophorone	9.11	82	2099924	40.606	ng	#	87
26) 2-Nitrophenol	9.29	139	427017	41.756	ng	#	23
27) 2,4-Dimethylphenol	9.36	122	773769	42.980	ng	#	72
28) bis(2-Chloroethoxy)methane	9.60	93	1219970	42.297	ng	#	96
29) 2,4-Dichlorophenol	9.82	162	887484	43.870	ng		92
30) 1,2,4-Trichlorobenzene	10.02	180	1036097	41.422	ng		98
31) Naphthalene	10.20	128	2462522	42.050	ng		99
32) Benzoic acid	9.53	122	537932	37.174	ng	#	66
33) 4-Chloroaniline	10.33	127	350753	15.014	ng	#	72
34) Hexachlorobutadiene	10.49	225	838036	42.538	ng		98
35) Caprolactam	11.13	113	234066m	40.800	ng		
36) 4-Chloro-3-methylphenol	11.47	107	1097052	41.998	ng	#	75
37) 2-Methylnaphthalene	11.83	142	1983085	46.097	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.21	216	1445602	40.444	ng	#	100
40) Hexachlorocyclopentadiene	12.19	237	2310240	110.923	ng		99

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42) 2,4,6-Trichlorophenol	12.46	196	908258	41.982	ng		97
43) 2,4,5-Trichlorophenol	12.53	196	963626	43.246	ng	#	89
45) 1,1'-Biphenyl	12.87	154	2843297	39.524	ng		97
46) 2-Chloronaphthalene	12.91	162	2224266	41.965	ng	#	92
47) 2-Nitroaniline	13.13	65	829804	44.253	ng	#	70
48) Acenaphthylene	13.77	152	3383617	42.776	ng		99
49) Dimethylphthalate	13.53	163	2915370	40.963	ng	#	99
50) 2,6-Dinitrotoluene	13.65	165	627109	43.573	ng	#	63
51) Acenaphthene	14.12	154	2060411	42.068	ng		98
52) 3-Nitroaniline	13.97	138	435643	34.882	ng	#	39
53) 2,4-Dinitrophenol	14.19	184	882029	86.234	ng	#	87
54) Dibenzofuran	14.46	168	3641662	45.888	ng		91
55) 4-Nitrophenol	14.30	139	897354	81.781	ng		98
56) 2,4-Dinitrotoluene	14.44	165	874571	43.286	ng	#	93
57) Fluorene	15.11	166	3009526	43.556	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.69	232	1006635	48.198	ng	#	100
59) Diethylphthalate	14.91	149	3088424	42.491	ng		100
60) 4-Chlorophenyl-phenylether	15.12	204	1839490	44.095	ng		95
61) 4-Nitroaniline	15.15	138	493219	37.181	ng	#	1
62) Azobenzene	15.41	77	3741971	48.103	ng		88
64) 4,6-Dinitro-2-methylphenol	15.20	198	596268	42.467	ng		92
65) n-Nitrosodiphenylamine	15.34	169	2599995	43.804	ng		98
66) 4-Bromophenyl-phenylether	16.01	248	1201903	45.079	ng	#	89
67) Hexachlorobenzene	16.12	284	1264501	41.971	ng	#	88
68) Atrazine	16.30	200	1080211	45.414	ng		98
69) Pentachlorophenol	16.47	266	1608302	84.083	ng		98
70) Phenanthrene	16.85	178	4813221	44.321	ng		99
71) Anthracene	16.94	178	4843513	44.720	ng		99
72) Carbazole	17.22	167	3942233	41.621	ng		99
73) Di-n-butylphthalate	17.80	149	4940919	42.836	ng	#	97
74) Fluoranthene	18.88	202	5491519	40.805	ng		98
76) Benzidine	19.09	184	2066855	50.458	ng		99
77) Pyrene	19.24	202	5446546	53.534	ng		100
79) Butylbenzylphthalate	20.19	149	1803830	49.859	ng	#	75
80) Benzo(a)anthracene	21.02	228	4379742	44.797	ng		99
81) 3,3'-Dichlorobenzidine	20.96	252	1073483	27.989	ng	#	97
82) Chrysene	21.06	228	4058425	43.244	ng		99
83) Bis(2-ethylhexyl)phthalate	20.97	149	2468110	46.373	ng	#	98
84) Di-n-octyl phthalate	21.82	149	3552019	41.120	ng		99
85) Indeno(1,2,3-cd)pyrene	25.22	276	3336889	34.332	ng	#	97
87) Benzo(b)fluoranthene	22.52	252	3639033	46.247	ng	#	91
88) Benzo(k)fluoranthene	22.56	252	3365861	44.629	ng	#	96
89) Benzo(a)pyrene	23.05	252	3151919	44.267	ng	#	96
90) Dibenzo(a,h)anthracene	25.23	278	2711017	41.072	ng	#	91
91) Benzo(g,h,i)perylene	25.85	276	2761203	42.601	ng	#	85

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

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