Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071317\
Data File : BM010821.D
Acq On : 13 Jul 2017 20:21
Operator : SJ/JU
Sample : PB100605BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB100605BS

Manual Integrations APPROVED
mohammad
7/17/2017 8:13:21 AM

Quant Time: Jul 14 05:51:17 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	235736	20.00	ng		0.00
21) Naphthalene-d8	10.21	136	916421	20.00	ng		0.00
38) Acenaphthene-d10	14.10	164	583465	20.00	ng		0.00
63) Phenanthrene-d10	16.85	188	1329807	20.00	ng		0.00
75) Chrysene-d12	21.07	240	1268913	20.00	ng		0.00
86) Perylene-d12	23.20	264	1105120	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	1978850	139.05	ng		0.00
7) Phenol-d6	6.65	99	2509331	127.90	ng		0.00
23) Nitrobenzene-d5	8.59	82	1980689	83.08	ng		0.00
41) 2,4,6-Tribromophenol	15.60	330	1173615	131.62	ng		0.00
44) 2-Fluorobiphenyl	12.71	172	4309197	91.88	ng		0.00
78) Terphenyl-d14	19.51	244	5586256	85.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	214605	34.176	ng	#	100
3) Pyridine	3.46	79	594774	34.652	ng		90
4) n-Nitrosodimethylamine	3.39	42	383175	43.680	ng	#	63
6) Aniline	6.79	93	773504	31.473	ng		90
8) 2-Chlorophenol	7.02	128	592155	42.027	ng		89
9) Benzaldehyde	6.60	77	396223	29.086	ng		87
10) Phenol	6.67	94	838985	40.447	ng		98
11) bis(2-Chloroethyl)ether	6.89	93	625074	39.127	ng		94
12) 1,3-Dichlorobenzene	7.34	146	681997	39.167	ng	#	85
13) 1,4-Dichlorobenzene	7.48	146	701473	39.038	ng	#	93
14) 1,2-Dichlorobenzene	7.79	146	665373	38.859	ng	#	90
15) Benzyl Alcohol	7.69	79	780025	41.988	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	7.97	45	574808	41.501	ng		79
17) 2-Methylphenol	7.89	107	567556	42.307	ng	#	81
18) Hexachloroethane	8.50	117	311735	41.360	ng	#	80
19) n-Nitroso-di-n-propylamine	8.26	70	614305	39.528	ng		94
20) 3+4-Methylphenols	8.22	107	757944	40.667	ng		83
22) Acetophenone	8.26	105	1077185	39.039	ng	#	93
24) Nitrobenzene	8.64	77	962750	39.402	ng	#	86
25) Isophorone	9.16	82	1553318	39.769	ng	#	86
26) 2-Nitrophenol	9.33	139	327047	40.224	ng	#	21
27) 2,4-Dimethylphenol	9.41	122	587901	40.513	ng	#	72
28) bis(2-Chloroethoxy)methane	9.65	93	895980	40.921	ng	#	98
29) 2,4-Dichlorophenol	9.86	162	678057	41.364	ng		92
30) 1,2,4-Trichlorobenzene	10.07	180	833494	41.591	ng		93
31) Naphthalene	10.26	128	1948843	41.823	ng		99
32) Benzoic acid	9.56	122	395423	34.730	ng	#	67
33) 4-Chloroaniline	10.37	127	224553	11.961	ng	#	75
34) Hexachlorobutadiene	10.55	225	646237	41.559	ng		94
35) Caprolactam	11.16	113	161837m	37.083	ng		
36) 4-Chloro-3-methylphenol	11.51	107	770334	38.850	ng	#	74
37) 2-Methylnaphthalene	11.88	142	1475472	44.085	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	1051250	41.335	ng	#	100
40) Hexachlorocyclopentadiene	12.25	237	1739276	119.296	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.51	196	636901	40.670	ng		99
43) 2,4,5-Trichlorophenol	12.58	196	667902	43.198	ng	#	87
45) 1,1'-Biphenyl	12.92	154	1999500	39.336	ng		98
46) 2-Chloronaphthalene	12.96	162	1608633	43.160	ng	#	93
47) 2-Nitroaniline	13.17	65	533449	43.539	ng	#	73
48) Acenaphthylene	13.82	152	2327679	41.989	ng		100
49) Dimethylphthalate	13.57	163	1993151	40.154	ng	#	99
50) 2,6-Dinitrotoluene	13.69	165	421815	43.324	ng	#	65
51) Acenaphthene	14.16	154	1423539	42.026	ng		98
52) 3-Nitroaniline	14.01	138	191075	21.588	ng	#	38
53) 2,4-Dinitrophenol	14.22	184	538863	80.064	ng	#	85
54) Dibenzofuran	14.50	168	2482730	45.311	ng	#	90
55) 4-Nitrophenol	14.33	139	593069	77.151	ng	#	1
56) 2,4-Dinitrotoluene	14.48	165	563178	41.686	ng		93
57) Fluorene	15.16	166	1987615	42.198	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.73	232	659735	45.923	ng	#	100
59) Diethylphthalate	14.95	149	2024474	41.297	ng		98
60) 4-Chlorophenyl-phenylether	15.16	204	1231814	42.574	ng		97
61) 4-Nitroaniline	15.19	138	355589	38.437	ng	#	1
62) Azobenzene	15.45	77	2320675	46.620	ng		89
64) 4,6-Dinitro-2-methylphenol	15.24	198	357820	40.806	ng		91
65) n-Nitrosodiphenylamine	15.38	169	1682174	44.208	ng		99
66) 4-Bromophenyl-phenylether	16.06	248	773675	45.907	ng	#	88
67) Hexachlorobenzene	16.16	284	814033	42.241	ng	#	88
68) Atrazine	16.34	200	679603	43.127	ng		99
69) Pentachlorophenol	16.51	266	997617	80.753	ng		97
70) Phenanthrene	16.90	178	3099364	44.801	ng		99
71) Anthracene	16.99	178	3140548	45.733	ng		100
72) Carbazole	17.26	167	2502747	41.382	ng		99
73) Di-n-butylphthalate	17.84	149	3049240	42.615	ng	#	96
74) Fluoranthene	18.92	202	3649195	42.592	ng		97
76) Benzidine	19.12	184	1503372	44.274	ng		99
77) Pyrene	19.29	202	3620766	49.221	ng		99
79) Butylbenzylphthalate	20.22	149	1204541	46.771	ng	#	74
80) Benzo(a)anthracene	21.05	228	3312982	45.058	ng		99
81) 3,3'-Dichlorobenzidine	21.00	252	742754	25.692	ng	#	97
82) Chrysene	21.10	228	3088723	44.109	ng		98
83) Bis(2-ethylhexyl)phthalate	21.01	149	1665283	44.403	ng		98
84) Di-n-octyl phthalate	21.86	149	2683949	43.679	ng		99
85) Indeno(1,2,3-cd)pyrene	25.31	276	3415929	42.542	ng	#	100
87) Benzo(b)fluoranthene	22.57	252	3266383	46.531	ng	#	91
88) Benzo(k)fluoranthene	22.61	252	2951267	44.016	ng	#	95
89) Benzo(a)pyrene	23.11	252	2962341	46.362	ng	#	95
90) Dibenzo(a,h)anthracene	25.32	278	2798090	45.119	ng	#	91
91) Benzo(g,h,i)perylene	25.95	276	2775597	45.530	ng	#	84

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

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