Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071317\
Data File : BM010823.D
Acq On : 13 Jul 2017 21:34
Operator : SJ/JU
Sample : PB100606BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 14 05:57:48 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

Instrument :
BNA_M
ClientSampleId :
PB100606BS

Manual Integrations APPROVED
mohammad
7/17/2017 8:13:24 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	212649	20.00	ng		0.00
21) Naphthalene-d8	10.21	136	866883	20.00	ng		0.00
38) Acenaphthene-d10	14.10	164	571534	20.00	ng		0.00
63) Phenanthrene-d10	16.85	188	1344754	20.00	ng		0.00
75) Chrysene-d12	21.07	240	1292600	20.00	ng		0.00
86) Perylene-d12	23.20	264	1094594	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	1720791	134.05	ng		0.00
7) Phenol-d6	6.65	99	2219236	125.40	ng		0.00
23) Nitrobenzene-d5	8.59	82	1761212	78.09	ng		0.00
41) 2,4,6-Tribromophenol	15.60	330	1077395	123.35	ng		0.00
44) 2-Fluorobiphenyl	12.71	172	3882725	84.51	ng		0.00
78) Terphenyl-d14	19.51	244	5265875	78.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	188654	33.305	ng	#	100
3) Pyridine	3.46	79	537376	34.707	ng		91
4) n-Nitrosodimethylamine	3.39	42	336244	42.491	ng	#	68
6) Aniline	6.79	93	601019	27.110	ng	#	91
8) 2-Chlorophenol	7.02	128	526971	41.461	ng		90
9) Benzaldehyde	6.60	77	361841	29.446	ng		86
10) Phenol	6.67	94	760940	40.667	ng		99
11) bis(2-Chloroethyl)ether	6.89	93	556937	38.647	ng		97
12) 1,3-Dichlorobenzene	7.33	146	600529	38.233	ng	#	84
13) 1,4-Dichlorobenzene	7.48	146	625428	38.584	ng	#	91
14) 1,2-Dichlorobenzene	7.79	146	584297	37.829	ng	#	91
15) Benzyl Alcohol	7.69	79	702292	41.908	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	7.98	45	508588	40.707	ng		79
17) 2-Methylphenol	7.89	107	512878	42.382	ng	#	79
18) Hexachloroethane	8.50	117	266080	39.136	ng	#	78
19) n-Nitroso-di-n-propylamine	8.26	70	542296	38.683	ng		95
20) 3+4-Methylphenols	8.22	107	692513	41.190	ng	#	80
22) Acetophenone	8.26	105	975803	37.386	ng	#	92
24) Nitrobenzene	8.63	77	884490	38.267	ng	#	88
25) Isophorone	9.16	82	1409327	38.145	ng	#	87
26) 2-Nitrophenol	9.33	139	302678	39.354	ng	#	35
27) 2,4-Dimethylphenol	9.41	122	528605	38.508	ng	#	75
28) bis(2-Chloroethoxy)methane	9.65	93	803995	38.819	ng		98
29) 2,4-Dichlorophenol	9.86	162	619011	39.920	ng		93
30) 1,2,4-Trichlorobenzene	10.07	180	741032	39.091	ng		94
31) Naphthalene	10.26	128	1760988	39.951	ng		98
32) Benzoic acid	9.55	122	376993	35.003	ng	#	71
33) 4-Chloroaniline	10.37	127	141589	7.973	ng	#	76
34) Hexachlorobutadiene	10.55	225	576150	39.169	ng		97
35) Caprolactam	11.16	113	148742m	36.030	ng		
36) 4-Chloro-3-methylphenol	11.51	107	714362	38.086	ng	#	76
37) 2-Methylnaphthalene	11.88	142	1338012	42.262	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	944249	37.903	ng	#	100
40) Hexachlorocyclopentadiene	12.24	237	1552916	108.738	ng		98

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Quant Time: Jul 14 05:57:48 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)
42) 2,4,6-Trichlorophenol	12.51	196	580558	37.846	ng		97
43) 2,4,5-Trichlorophenol	12.58	196	615393	40.633	ng	#	86
45) 1,1'-Biphenyl	12.92	154	1831162	36.776	ng		99
46) 2-Chloronaphthalene	12.96	162	1476781	40.449	ng		93
47) 2-Nitroaniline	13.17	65	489580	40.792	ng	#	72
48) Acenaphthylene	13.82	152	2149383	39.582	ng		99
49) Dimethylphthalate	13.57	163	1845969	37.965	ng	#	97
50) 2,6-Dinitrotoluene	13.69	165	385378	40.408	ng	#	56
51) Acenaphthene	14.16	154	1336951	40.293	ng		100
52) 3-Nitroaniline	14.01	138	143706	16.575	ng	#	44
53) 2,4-Dinitrophenol	14.22	184	506332	76.801	ng	#	88
54) Dibenzofuran	14.50	168	2287655	42.623	ng	#	90
55) 4-Nitrophenol	14.33	139	558594	74.183	ng	#	1
56) 2,4-Dinitrotoluene	14.48	165	527549	39.864	ng	#	94
57) Fluorene	15.16	166	1818583	39.415	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.73	232	608552	43.245	ng	#	100
59) Diethylphthalate	14.95	149	1873284	39.011	ng		98
60) 4-Chlorophenyl-phenylether	15.16	204	1127537	39.783	ng		96
61) 4-Nitroaniline	15.19	138	332503	36.692	ng	#	1
62) Azobenzene	15.45	77	2188249	44.877	ng		88
64) 4,6-Dinitro-2-methylphenol	15.24	198	338989	38.228	ng		90
65) n-Nitrosodiphenylamine	15.37	169	1560447	40.553	ng		100
66) 4-Bromophenyl-phenylether	16.06	248	730791	42.881	ng	#	92
67) Hexachlorobenzene	16.16	284	760474	39.023	ng	#	92
68) Atrazine	16.34	200	628085	39.415	ng		94
69) Pentachlorophenol	16.51	266	944691	75.619	ng		99
70) Phenanthrene	16.89	178	2932813	41.923	ng		99
71) Anthracene	16.99	178	2953294	42.528	ng		98
72) Carbazole	17.26	167	2356665	38.533	ng		99
73) Di-n-butylphthalate	17.84	149	2864914	39.594	ng	#	96
74) Fluoranthene	18.92	202	3390551	39.133	ng		98
76) Benzidine	19.12	184	1109079	32.063	ng		98
77) Pyrene	19.29	202	3409494	45.500	ng		100
79) Butylbenzylphthalate	20.22	149	1130827	43.104	ng	#	77
80) Benzo(a)anthracene	21.05	228	3111770	41.546	ng		99
81) 3,3'-Dichlorobenzidine	21.00	252	619904	21.049	ng	#	97
82) Chrysene	21.10	228	2909966	40.795	ng		98
83) Bis(2-ethylhexyl)phthalate	21.01	149	1588238	41.573	ng		99
84) Di-n-octyl phthalate	21.86	149	2447577	39.102	ng		100
85) Indeno(1,2,3-cd)pyrene	25.30	276	3074569	37.589	ng	#	100
87) Benzo(b)fluoranthene	22.57	252	3040801	43.734	ng	#	91
88) Benzo(k)fluoranthene	22.61	252	2712767	40.848	ng	#	95
89) Benzo(a)pyrene	23.11	252	2737464	43.255	ng	#	95
90) Dibenzo(a,h)anthracene	25.31	278	2534234	41.257	ng	#	91
91) Benzo(g,h,i)perylene	25.94	276	2534702	41.978	ng	#	85

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

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