Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM090217\
Data File : BM011409.D
Acq On : 02 Sep 2017 11:17
Operator : SJ/JU
Sample : PB102037BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB102037BS

Manual Integrations APPROVED
mohammad
9/5/2017 4:58:32 PM

Quant Time: Sep 04 03:52:59 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 18:39:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	474702	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	2143497	20.00	ng		0.00
38) Acenaphthene-d10	14.62	164	1241200	20.00	ng		-0.01
63) Phenanthrene-d10	17.36	188	2696632	20.00	ng		0.00
75) Chrysene-d12	21.52	240	3268234	20.00	ng		-0.01
86) Perylene-d12	23.90	264	3367917	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	4213112	149.40	ng		0.00
7) Phenol-d6	7.14	99	5489677	140.39	ng		0.00
23) Nitrobenzene-d5	9.15	82	2915951	89.65	ng		0.00
41) 2,4,6-Tribromophenol	16.10	330	1830346	127.46	ng		0.00
44) 2-Fluorobiphenyl	13.24	172	7162640	83.18	ng		0.00
78) Terphenyl-d14	19.96	244	9197516	69.83	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	390274	33.204	ng	#	100
3) Pyridine	3.83	79	1215209	33.761	ng		88
4) n-Nitrosodimethylamine	3.74	42	680269	37.013	ng	#	75
6) Aniline	7.31	93	1800419	33.900	ng		96
8) 2-Chlorophenol	7.55	128	1423545	42.818	ng		92
9) Benzaldehyde	7.12	77	381993	16.805	ng		99
10) Phenol	7.16	94	1880168	43.735	ng	#	75
11) bis(2-Chloroethyl)ether	7.40	93	1347097	39.206	ng		85
12) 1,3-Dichlorobenzene	7.87	146	1386100	36.613	ng		98
13) 1,4-Dichlorobenzene	8.02	146	1423194	36.965	ng		98
14) 1,2-Dichlorobenzene	8.34	146	1373494	36.858	ng		98
15) Benzyl Alcohol	8.22	79	1172261	41.463	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.50	45	2170837	37.781	ng		94
17) 2-Methylphenol	8.42	107	1196103	43.452	ng		97
18) Hexachloroethane	9.07	117	481765	36.552	ng		91
19) n-Nitroso-di-n-propylamine	8.79	70	1057881	36.844	ng	#	87
20) 3+4-Methylphenols	8.75	107	1611517	42.194	ng		98
22) Acetophenone	8.81	105	2026131	38.040	ng	#	92
24) Nitrobenzene	9.19	77	1491861	41.623	ng		94
25) Isophorone	9.72	82	2819003	38.679	ng		93
26) 2-Nitrophenol	9.90	139	613555	40.499	ng	#	86
27) 2,4-Dimethylphenol	9.96	122	1354026	39.843	ng		97
28) bis(2-Chloroethoxy)methane	10.20	93	1862985	37.458	ng		98
29) 2,4-Dichlorophenol	10.43	162	1317683	41.443	ng		97
30) 1,2,4-Trichlorobenzene	10.66	180	1272235	36.146	ng		99
31) Naphthalene	10.85	128	4289970	37.069	ng		100
32) Benzoic acid	10.08	122	812793	36.976	ng		98
33) 4-Chloroaniline	10.95	127	996110	19.675	ng	#	91
34) Hexachlorobutadiene	11.13	225	699554	34.883	ng		96
35) Caprolactam	11.73	113	415143m	36.255	ng		
36) 4-Chloro-3-methylphenol	12.06	107	1424329	38.141	ng		92
37) 2-Methylnaphthalene	12.45	142	3107578	38.579	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.82	216	1349796	36.137	ng	#	100
40) Hexachlorocyclopentadiene	12.79	237	1718107	100.340	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	959525	38.808	ng		99
43) 2,4,5-Trichlorophenol	13.12	196	1019436	40.597	ng	#	91
45) 1,1'-Biphenyl	13.46	154	3849243	34.933	ng		97
46) 2-Chloronaphthalene	13.50	162	2924313	35.725	ng		95
47) 2-Nitroaniline	13.69	65	962062	38.284	ng	#	81
48) Acenaphthylene	14.34	152	4735335	37.128	ng		100
49) Dimethylphthalate	14.07	163	3663863	37.149	ng		99
50) 2,6-Dinitrotoluene	14.19	165	750575	40.193	ng	#	91
51) Acenaphthene	14.68	154	2948336	35.600	ng		99
52) 3-Nitroaniline	14.52	138	862882	35.574	ng		83
53) 2,4-Dinitrophenol	14.72	184	616349	75.922	ng		88
54) Dibenzofuran	15.02	168	4498990	39.396	ng		96
55) 4-Nitrophenol	14.82	139	1530526	81.079	ng	#	46
56) 2,4-Dinitrotoluene	14.97	165	1009160	39.304	ng		84
57) Fluorene	15.66	166	3690467	37.067	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.23	232	892923	43.944	ng	#	100
59) Diethylphthalate	15.43	149	3762863	37.030	ng		98
60) 4-Chlorophenyl-phenylether	15.65	204	1717755	36.989	ng		95
61) 4-Nitroaniline	15.68	138	959761	38.063	ng		86
62) Azobenzene	15.94	77	3736566	40.801	ng		91
64) 4,6-Dinitro-2-methylphenol	15.73	198	446157	43.876	ng		92
65) n-Nitrosodiphenylamine	15.87	169	3174670	37.361	ng		99
66) 4-Bromophenyl-phenylether	16.54	248	1051015	37.053	ng	#	89
67) Hexachlorobenzene	16.66	284	1147605	34.476	ng	#	88
68) Atrazine	16.81	200	1035736	41.589	ng		98
69) Pentachlorophenol	17.00	266	1484398	81.230	ng		98
70) Phenanthrene	17.40	178	5811331	38.697	ng		99
71) Anthracene	17.49	178	5885750	38.976	ng		99
72) Carbazole	17.76	167	5630994	38.693	ng		99
73) Di-n-butylphthalate	18.31	149	6568928	38.852	ng		100
74) Fluoranthene	19.40	202	6570954	38.347	ng		95
76) Benzidine	19.59	184	5955843	92.334	ng		99
77) Pyrene	19.77	202	6981957	34.862	ng		99
79) Butylbenzylphthalate	20.65	149	3144926	35.546	ng		91
80) Benzo(a)anthracene	21.50	228	6932876	37.927	ng		98
81) 3,3'-Dichlorobenzidine	21.43	252	2187795	31.525	ng		100
82) Chrysene	21.56	228	6421943	37.274	ng		98
83) Bis(2-ethylhexyl)phthalate	21.42	149	4780843	36.858	ng		99
84) Di-n-octyl phthalate	22.34	149	8626970	39.455	ng		96
85) Indeno(1,2,3-cd)pyrene	26.36	276	7964942	49.560	ng	#	88
87) Benzo(b)fluoranthene	23.17	252	7629468	36.898	ng		99
88) Benzo(k)fluoranthene	23.23	252	7001633	35.317	ng		98
89) Benzo(a)pyrene	23.80	252	7173383	38.464	ng	#	97
90) Dibenzo(a,h)anthracene	26.36	278	6721439	42.112	ng		99
91) Benzo(g,h,i)perylene	27.10	276	6301841	40.855	ng		99

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

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