Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033017\
Data File : BM009468.D
Acq On : 31 Mar 2017 03:52
Operator : SJ/MA
Sample : PB97831BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB97831BS

Manual Integrations APPROVED
mohammad
3/31/2017 2:12:07 PM

Quant Time: Mar 31 08:58:47 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 16:43:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	122306	20.00	ng		-0.02
21) Naphthalene-d8	10.65	136	495434	20.00	ng		-0.02
38) Acenaphthene-d10	14.49	164	299494	20.00	ng		-0.01
63) Phenanthrene-d10	17.24	188	718002	20.00	ng		-0.01
75) Chrysene-d12	21.42	240	1002198	20.00	ng		0.00
86) Perylene-d12	23.74	264	942889	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1089690	148.51	ng		-0.01
7) Phenol-d6	7.01	99	1539010	153.81	ng		-0.01
23) Nitrobenzene-d5	9.02	82	1114682	84.36	ng		-0.01
41) 2,4,6-Tribromophenol	15.99	330	609953	163.94	ng		-0.01
44) 2-Fluorobiphenyl	13.11	172	2173543	87.45	ng		-0.01
78) Terphenyl-d14	19.86	244	3772254	78.65	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	117554	31.86	ng	#	100
3) Pyridine	3.75	79	377008	36.16	ng	#	80
4) n-Nitrosodimethylamine	3.67	42	253012	45.58	ng	#	62
6) Aniline	7.18	93	415939	30.59	ng		91
8) 2-Chlorophenol	7.41	128	369695	49.69	ng	#	81
9) Benzaldehyde	7.00	77	69688	8.85	ng		83
10) Phenol	7.04	94	541396	49.93	ng		89
11) bis(2-Chloroethyl)ether	7.27	93	390616	43.95	ng	#	80
12) 1,3-Dichlorobenzene	7.73	146	395609	44.41	ng	#	89
13) 1,4-Dichlorobenzene	7.88	146	404626	43.96	ng	#	94
14) 1,2-Dichlorobenzene	8.20	146	389499	43.58	ng	#	95
15) Benzyl Alcohol	8.09	79	436700	49.92	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.38	45	657963	42.60	ng		96
17) 2-Methylphenol	8.28	107	350591	49.42	ng	#	87
18) Hexachloroethane	8.92	117	166547	44.24	ng		89
19) n-Nitroso-di-n-propylamine	8.65	70	374133	46.38	ng		90
20) 3+4-Methylphenols	8.61	107	468249	48.55	ng		89
22) Acetophenone	8.67	105	623132	44.60	ng	#	90
24) Nitrobenzene	9.06	77	562526	43.45	ng	#	90
25) Isophorone	9.57	82	930538	46.16	ng	#	89
26) 2-Nitrophenol	9.76	139	180882	46.33	ng	#	51
27) 2,4-Dimethylphenol	9.82	122	357986	50.12	ng	#	81
28) bis(2-Chloroethoxy)methane	10.06	93	552788	44.29	ng		97
29) 2,4-Dichlorophenol	10.29	162	367360	49.20	ng		97
30) 1,2,4-Trichlorobenzene	10.50	180	407579	43.99	ng		100
31) Naphthalene	10.70	128	1154604	43.91	ng		98
32) Benzoic acid	9.95	122	212175	43.68	ng	#	68
33) 4-Chloroaniline	10.81	127	207741	20.48	ng	#	79
34) Hexachlorobutadiene	10.96	225	267976	42.24	ng		98
35) Caprolactam	11.60	113	119678m	52.50	ng		
36) 4-Chloro-3-methylphenol	11.93	107	432307	51.17	ng	#	83
37) 2-Methylnaphthalene	12.30	142	838117	46.17	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	478726	42.34	ng	#	100
40) Hexachlorocyclopentadiene	12.64	237	621851	95.82	ng		98

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42) 2,4,6-Trichlorophenol	12.92	196	317616	49.13	ng		97
43) 2,4,5-Trichlorophenol	12.99	196	345265	47.86	ng	#	91
45) 1,1'-Biphenyl	13.32	154	1132607	45.44	ng		97
46) 2-Chloronaphthalene	13.37	162	890277	45.98	ng		96
47) 2-Nitroaniline	13.58	65	358498	50.26	ng	#	70
48) Acenaphthylene	14.22	152	1428575	45.30	ng		99
49) Dimethylphthalate	13.95	163	1125011	48.92	ng	#	98
50) 2,6-Dinitrotoluene	14.07	165	244536	49.35	ng	#	67
51) Acenaphthene	14.56	154	865081	45.47	ng		97
52) 3-Nitroaniline	14.40	138	141669	29.02	ng	#	61
53) 2,4-Dinitrophenol	14.62	184	289606	86.20	ng		97
54) Dibenzofuran	14.89	168	1417539	50.38	ng		95
55) 4-Nitrophenol	14.71	139	445708	110.45	ng	#	26
56) 2,4-Dinitrotoluene	14.86	165	356567	53.19	ng		96
57) Fluorene	15.54	166	1187280	46.95	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.12	232	327007	53.60	ng	#	100
59) Diethylphthalate	15.31	149	1172352	50.26	ng		99
60) 4-Chlorophenyl-phenylether	15.53	204	603380	45.69	ng		97
61) 4-Nitroaniline	15.57	138	260642	49.15	ng	#	29
62) Azobenzene	15.83	77	1485791	54.56	ng		87
64) 4,6-Dinitro-2-methylphenol	15.62	198	213492	47.20	ng		88
65) n-Nitrosodiphenylamine	15.75	169	1028834	47.17	ng		99
66) 4-Bromophenyl-phenylether	16.43	248	384408	46.21	ng	#	89
67) Hexachlorobenzene	16.54	284	407880	44.73	ng	#	87
68) Atrazine	16.70	200	372750	45.44	ng		99
69) Pentachlorophenol	16.89	266	534472	95.95	ng		99
70) Phenanthrene	17.29	178	1922627	46.83	ng		99
71) Anthracene	17.37	178	1992931	47.94	ng		98
72) Carbazole	17.64	167	1804221	45.32	ng		99
73) Di-n-butylphthalate	18.20	149	2093919	51.49	ng	#	98
74) Fluoranthene	19.30	202	2407235	49.50	ng		98
76) Benzidine	19.49	184	970363	32.49	ng		98
77) Pyrene	19.66	202	2556971	44.99	ng		98
79) Butylbenzylphthalate	20.55	149	1036820	50.66	ng	#	78
80) Benzo(a)anthracene	21.40	228	2725658	46.57	ng		99
81) 3,3'-Dichlorobenzidine	21.34	252	660589	30.14	ng		98
82) Chrysene	21.46	228	2478844	44.35	ng		99
83) Bis(2-ethylhexyl)phthalate	21.32	149	1531206	50.13	ng		98
84) Di-n-octyl phthalate	22.21	149	2708062	53.28	ng	#	92
85) Indeno(1,2,3-cd)pyrene	26.11	276	3074419	50.44	ng	#	100
87) Benzo(b)fluoranthene	23.04	252	2865147	47.94	ng	#	94
88) Benzo(k)fluoranthene	23.09	252	2645411	46.02	ng	#	98
89) Benzo(a)pyrene	23.64	252	2678342	48.39	ng		99
90) Dibenzo(a,h)anthracene	26.12	278	2590352	47.77	ng	#	96
91) Benzo(g,h,i)perylene	26.84	276	2490440	47.12	ng	#	91

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

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