Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081117\
Data File : BM011208.D
Acq On : 11 Aug 2017 19:18
Operator : SJ/JU
Sample : PB101388BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB101388BSD

Manual Integrations APPROVED
sohil
8/14/2017 6:57:17 PM

Quant Time: Aug 11 23:29:01 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	7.29	152	171928	20.00	ng		-0.10
21) Naphthalene-d8	10.05	136	653730	20.00	ng		-0.10
38) Acenaphthene-d10	13.96	164	460685	20.00	ng		-0.09
63) Phenanthrene-d10	16.72	188	1138834	20.00	ng		-0.09
75) Chrysene-d12	20.94	240	1162184	20.00	ng		-0.08
86) Perylene-d12	23.02	264	1093671	20.00	ng		-0.12
System Monitoring Compounds							
5) 2-Fluorophenol	4.93	112	669335	65.81	ng		-0.09
7) Phenol-d6	6.50	99	926916	64.14	ng		-0.09
23) Nitrobenzene-d5	8.44	82	1271704	73.01	ng		-0.10
41) 2,4,6-Tribromophenol	15.47	330	449311	60.85	ng		-0.09
44) 2-Fluorobiphenyl	12.57	172	2433350	66.24	ng		-0.09
78) Terphenyl-d14	19.39	244	3490535	59.49	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	2.93	88	151365	33.147	ng	#	100
3) Pyridine	3.30	79	422261	33.853	ng		90
4) n-Nitrosodimethylamine	3.22	42	243096	38.244	ng	#	68
6) Aniline	6.64	93	440994	24.214	ng	#	84
8) 2-Chlorophenol	6.87	128	317123	30.712	ng	#	68
9) Benzaldehyde	6.45	77	203450	21.760	ng	#	68
10) Phenol	6.52	94	506245	32.254	ng		92
11) bis(2-Chloroethyl)ether	6.75	93	398233	32.563	ng		91
12) 1,3-Dichlorobenzene	7.18	146	395828	31.454	ng	#	72
13) 1,4-Dichlorobenzene	7.33	146	406548	31.517	ng	#	90
14) 1,2-Dichlorobenzene	7.64	146	377954	30.645	ng	#	87
15) Benzyl Alcohol	7.55	79	509337	36.742	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	7.83	45	407017	36.985	ng		74
17) 2-Methylphenol	7.75	107	329154	32.813	ng	#	72
18) Hexachloroethane	8.35	117	188839	33.570	ng	#	80
19) n-Nitroso-di-n-propylamine	8.10	70	438320	35.694	ng	#	90
20) 3+4-Methylphenols	8.07	107	435904	31.260	ng	#	79
22) Acetophenone	8.11	105	638378	32.577	ng	#	89
24) Nitrobenzene	8.48	77	650917	36.063	ng	#	80
25) Isophorone	9.00	82	1059439	36.480	ng	#	83
26) 2-Nitrophenol	9.19	139	179252	31.212	ng	#	1
27) 2,4-Dimethylphenol	9.26	122	314138	31.072	ng	#	62
28) bis(2-Chloroethoxy)methane	9.50	93	561777	34.683	ng		99
29) 2,4-Dichlorophenol	9.72	162	354495	31.204	ng		93
30) 1,2,4-Trichlorobenzene	9.92	180	472589	33.644	ng		97
31) Naphthalene	10.10	128	1058329	32.181	ng		98
32) Benzoic acid	9.40	122	199170	24.509	ng	#	49
33) 4-Chloroaniline	10.23	127	150772	11.492	ng	#	66
34) Hexachlorobutadiene	10.39	225	390127	35.262	ng		97
35) Caprolactam	11.01	113	98915m	30.702	ng		
36) 4-Chloro-3-methylphenol	11.37	107	443053	30.203	ng	#	71
37) 2-Methylnaphthalene	11.73	142	817633	33.843	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.11	216	631584	31.910	ng	#	100
40) Hexachlorocyclopentadiene	12.09	237	961015	83.328	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.37	196	375323	31.330	ng		98
43) 2,4,5-Trichlorophenol	12.44	196	380467	30.836	ng	#	87
45) 1,1'-Biphenyl	12.78	154	1156304	29.028	ng		95
46) 2-Chloronaphthalene	12.82	162	911397	31.053	ng		95
47) 2-Nitroaniline	13.04	65	368622	35.502	ng	#	63
48) Acenaphthylene	13.67	152	1355531	30.948	ng		99
49) Dimethylphthalate	13.44	163	1207731	30.646	ng	#	99
50) 2,6-Dinitrotoluene	13.56	165	246885	30.979	ng	#	48
51) Acenaphthene	14.03	154	833456	30.731	ng		99
52) 3-Nitroaniline	13.89	138	142866	20.658	ng	#	15
53) 2,4-Dinitrophenol	14.10	184	292653	51.671	ng	#	83
54) Dibenzofuran	14.37	168	1454735	33.104	ng		91
55) 4-Nitrophenol	14.22	139	243845	40.133	ng	#	71
56) 2,4-Dinitrotoluene	14.35	165	345097	30.846	ng	#	73
57) Fluorene	15.02	166	1181159	30.871	ng		100
58) 2,3,4,6-Tetrachlorophenol	14.60	232	407125	35.203	ng	#	100
59) Diethylphthalate	14.82	149	1239979	30.809	ng		99
60) 4-Chlorophenyl-phenylether	15.03	204	743898	32.203	ng		98
61) 4-Nitroaniline	15.06	138	169077m	23.018	ng		
62) Azobenzene	15.32	77	1728601	40.130	ng		84
64) 4,6-Dinitro-2-methylphenol	15.12	198	215029	27.891	ng		91
65) n-Nitrosodiphenylamine	15.25	169	1031827	31.659	ng		99
66) 4-Bromophenyl-phenylether	15.93	248	479029	32.720	ng	#	90
67) Hexachlorobenzene	16.03	284	502320	30.364	ng	#	88
68) Atrazine	16.22	200	442762	33.900	ng		95
69) Pentachlorophenol	16.38	266	610141	58.092	ng		96
70) Phenanthrene	16.76	178	1969090	33.021	ng		99
71) Anthracene	16.85	178	1967731	33.087	ng		99
72) Carbazole	17.13	167	1506260	28.961	ng		99
73) Di-n-butylphthalate	17.72	149	2006835	31.685	ng	#	96
74) Fluoranthene	18.80	202	2354546	31.862	ng		97
76) Benzidine	19.01	184	970900	34.921	ng		97
77) Pyrene	19.16	202	2352153	34.062	ng		99
79) Butylbenzylphthalate	20.11	149	847785	34.525	ng	#	65
80) Benzo(a)anthracene	20.93	228	2178860	32.834	ng		98
81) 3,3'-Dichlorobenzidine	20.88	252	575270	22.098	ng	#	94
82) Chrysene	20.98	228	2025440	31.797	ng		100
83) Bis(2-ethylhexyl)phthalate	20.90	149	1137503	31.488	ng		97
84) Di-n-octyl phthalate	21.74	149	1810493	30.879	ng	#	95
85) Indeno(1,2,3-cd)pyrene	25.04	276	2394545	36.297	ng	#	96
87) Benzo(b)fluoranthene	22.42	252	2134889	30.414	ng	#	91
88) Benzo(k)fluoranthene	22.46	252	2066505	30.716	ng	#	94
89) Benzo(a)pyrene	22.93	252	2042600	32.159	ng	#	97
90) Dibenzo(a,h)anthracene	25.06	278	1933014m	32.829	ng		
91) Benzo(g,h,i)perylene	25.66	276	2005902m	34.693	ng		

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

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