Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081117\
Data File : BM011210.D
Acq On : 11 Aug 2017 20:30
Operator : SJ/JU
Sample : PB101443BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB101443BS

Manual Integrations APPROVED
sohil
8/14/2017 6:57:23 PM

Quant Time: Aug 11 23:42:44 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	116970	20.00	ng		-0.10
21) Naphthalene-d8	10.05	136	476154	20.00	ng		-0.10
38) Acenaphthene-d10	13.96	164	346908	20.00	ng		-0.09
63) Phenanthrene-d10	16.72	188	875537	20.00	ng		-0.09
75) Chrysene-d12	20.94	240	979882	20.00	ng		-0.08
86) Perylene-d12	23.02	264	984631	20.00	ng		-0.12
System Monitoring Compounds							
5) 2-Fluorophenol	4.93	112	888137	128.35	ng		-0.09
7) Phenol-d6	6.50	99	1208107	122.88	ng		-0.09
23) Nitrobenzene-d5	8.44	82	1149391	90.60	ng		-0.10
41) 2,4,6-Tribromophenol	15.47	330	673754	121.17	ng		-0.09
44) 2-Fluorobiphenyl	12.57	172	2230747	80.65	ng		-0.09
78) Terphenyl-d14	19.39	244	3517663	71.11	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	2.93	88	127800	41.136	ng	#	100
3) Pyridine	3.30	79	354898	41.821	ng	#	81
4) n-Nitrosodimethylamine	3.22	42	218400	50.502	ng	#	63
6) Aniline	6.64	93	341709	27.577	ng	#	84
8) 2-Chlorophenol	6.87	128	257718	36.685	ng	#	64
9) Benzaldehyde	6.45	77	167914	26.397	ng	#	74
10) Phenol	6.53	94	421908	39.510	ng		90
11) bis(2-Chloroethyl)ether	6.75	93	320646	38.538	ng		84
12) 1,3-Dichlorobenzene	7.18	146	323188	37.748	ng	#	73
13) 1,4-Dichlorobenzene	7.33	146	329282	37.521	ng	#	87
14) 1,2-Dichlorobenzene	7.64	146	316544	37.725	ng	#	89
15) Benzyl Alcohol	7.55	79	436668	46.300	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	7.84	45	333986	44.608	ng		76
17) 2-Methylphenol	7.75	107	278084	40.747	ng	#	68
18) Hexachloroethane	8.35	117	164155	42.892	ng	#	79
19) n-Nitroso-di-n-propylamine	8.10	70	383534	45.908	ng	#	89
20) 3+4-Methylphenols	8.07	107	350528	36.949	ng	#	80
22) Acetophenone	8.11	105	537862	37.684	ng	#	87
24) Nitrobenzene	8.48	77	573045	43.589	ng	#	79
25) Isophorone	9.00	82	905098	42.788	ng	#	82
26) 2-Nitrophenol	9.19	139	152631	36.488	ng	#	1
27) 2,4-Dimethylphenol	9.26	122	271061	36.810	ng	#	63
28) bis(2-Chloroethoxy)methane	9.50	93	467770	39.649	ng	#	97
29) 2,4-Dichlorophenol	9.72	162	303555	36.685	ng		88
30) 1,2,4-Trichlorobenzene	9.92	180	412725	40.340	ng		97
31) Naphthalene	10.10	128	911802	38.065	ng		98
32) Benzoic acid	9.40	122	157915	26.680	ng	#	32
33) 4-Chloroaniline	10.23	127	123967	12.973	ng	#	64
34) Hexachlorobutadiene	10.39	225	354172	43.951	ng		97
35) Caprolactam	11.02	113	73719	31.415	ng	#	73
36) 4-Chloro-3-methylphenol	11.37	107	384543	35.990	ng	#	69
37) 2-Methylnaphthalene	11.73	142	713506	40.548	ng	#	85
39) 1,2,4,5-Tetrachlorobenzene	12.11	216	567150	38.053	ng	#	100
40) Hexachlorocyclopentadiene	12.09	237	882254	101.588	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.37	196	322893	35.793	ng		96
43) 2,4,5-Trichlorophenol	12.44	196	333180	35.860	ng	#	84
45) 1,1'-Biphenyl	12.78	154	1019809	33.998	ng		95
46) 2-Chloronaphthalene	12.82	162	828212	37.474	ng		96
47) 2-Nitroaniline	13.04	65	329874	42.190	ng	#	63
48) Acenaphthylene	13.67	152	1199440	36.365	ng		99
49) Dimethylphthalate	13.44	163	1060989	35.752	ng	#	98
50) 2,6-Dinitrotoluene	13.56	165	205775	34.289	ng	#	31
51) Acenaphthene	14.03	154	770041	37.705	ng		94
52) 3-Nitroaniline	13.89	138	120461	23.132	ng	#	29
53) 2,4-Dinitrophenol	14.10	184	260013	60.965	ng	#	79
54) Dibenzofuran	14.37	168	1347381	40.717	ng		94
55) 4-Nitrophenol	14.22	139	216242	47.263	ng	#	67
56) 2,4-Dinitrotoluene	14.35	165	302559	35.913	ng	#	76
57) Fluorene	15.02	166	1091575	37.887	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.60	232	379159	43.537	ng	#	100
59) Diethylphthalate	14.82	149	1116194	36.829	ng		100
60) 4-Chlorophenyl-phenylether	15.03	204	682659	39.244	ng		96
61) 4-Nitroaniline	15.06	138	125413	22.673	ng	#	1
62) Azobenzene	15.32	77	1612997	49.727	ng		84
64) 4,6-Dinitro-2-methylphenol	15.12	198	205713	34.706	ng		92
65) n-Nitrosodiphenylamine	15.25	169	947154	37.801	ng		98
66) 4-Bromophenyl-phenylether	15.93	248	451969	40.156	ng	#	90
67) Hexachlorobenzene	16.03	284	467408	36.750	ng	#	87
68) Atrazine	16.22	200	411763	41.007	ng		92
69) Pentachlorophenol	16.38	266	561542	69.544	ng		97
70) Phenanthrene	16.76	178	1805990	39.393	ng		99
71) Anthracene	16.85	178	1837380	40.186	ng		99
72) Carbazole	17.13	167	1395771	34.907	ng		98
73) Di-n-butylphthalate	17.72	149	1883422	38.680	ng	#	95
74) Fluoranthene	18.80	202	2239224	39.414	ng		97
76) Benzidine	19.01	184	967586	41.277	ng		97
77) Pyrene	19.16	202	2260233	38.820	ng		99
79) Butylbenzylphthalate	20.11	149	814544	39.342	ng	#	65
80) Benzo(a)anthracene	20.93	228	2223187	39.735	ng		99
81) 3,3'-Dichlorobenzidine	20.88	252	580200	26.434	ng	#	95
82) Chrysene	20.98	228	2019743	37.607	ng		100
83) Bis(2-ethylhexyl)phthalate	20.90	149	1149690	37.746	ng		97
84) Di-n-octyl phthalate	21.74	149	1788749	36.184	ng	#	95
85) Indeno(1,2,3-cd)pyrene	25.04	276	2595764	46.668	ng	#	96
87) Benzo(b)fluoranthene	22.41	252	2254537	35.676	ng	#	91
88) Benzo(k)fluoranthene	22.46	252	2194279	36.227	ng	#	94
89) Benzo(a)pyrene	22.93	252	2212896	38.698	ng	#	97
90) Dibenzo(a,h)anthracene	25.06	278	2109844m	39.800	ng		
91) Benzo(g,h,i)perylene	25.66	276	2207684m	42.412	ng		

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

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