Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
Data File : BF098164.D
Acq On : 30 Aug 2017 19:11
Operator : SJ/JU
Sample : PB101906BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101906BS

Manual Integrations APPROVED
Sohil
8/31/2017 7:12:05 PM

Quant Time: Aug 31 07:23:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	120186	20.00	ng		-0.03
21) Naphthalene-d8	8.00	136	491525	20.00	ng		-0.03
38) Acenaphthene-d10	9.76	164	234562	20.00	ng		-0.03
63) Phenanthrene-d10	11.24	188	461426	20.00	ng		-0.02
75) Chrysene-d12	13.87	240	337564	20.00	ng		-0.02
86) Perylene-d12	15.28	264	258392	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	945102	119.61	ng		-0.01
7) Phenol-d6	6.37	99	1275985	118.85	ng		-0.02
23) Nitrobenzene-d5	7.29	82	796170	87.99	ng		-0.03
41) 2,4,6-Tribromophenol	10.55	330	266632	131.01	ng		-0.02
44) 2-Fluorobiphenyl	9.09	172	1252925	78.48	ng		-0.02
78) Terphenyl-d14	12.83	244	1120692	69.23	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	143930	32.663	ng		89
3) Pyridine	3.17	79	408335	33.520	ng		85
4) n-Nitrosodimethylamine	3.13	42	156716	33.434	ng	#	74
6) Aniline	6.39	93	309106	20.496	ng		96
8) 2-Chlorophenol	6.51	128	322024	38.645	ng		98
9) Benzaldehyde	6.27	77	129980	19.115	ng		90
10) Phenol	6.38	94	459326	36.582	ng		99
11) bis(2-Chloroethyl)ether	6.46	93	349502	36.880	ng		97
12) 1,3-Dichlorobenzene	6.66	146	320528	35.760	ng	#	93
13) 1,4-Dichlorobenzene	6.74	146	326808	35.850	ng	#	94
14) 1,2-Dichlorobenzene	6.89	146	300650	35.768	ng		100
15) Benzyl Alcohol	6.87	79	309370	38.490	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	463265	36.333	ng		91
17) 2-Methylphenol	6.99	107	291452	39.690	ng		96
18) Hexachloroethane	7.23	117	132222	36.995	ng	#	81
19) n-Nitroso-di-n-propylamine	7.15	70	259806	35.352	ng		89
20) 3+4-Methylphenols	7.14	107	358738	39.997	ng		99
22) Acetophenone	7.13	105	466698	35.942	ng	#	91
24) Nitrobenzene	7.31	77	402781	39.981	ng		96
25) Isophorone	7.55	82	739046	39.282	ng		98
26) 2-Nitrophenol	7.62	139	166875	45.971	ng	#	77
27) 2,4-Dimethylphenol	7.67	122	304642	38.826	ng		95
28) bis(2-Chloroethoxy)methane	7.76	93	463181	37.447	ng		98
29) 2,4-Dichlorophenol	7.87	162	261983	40.223	ng		94
30) 1,2,4-Trichlorobenzene	7.95	180	260415	36.067	ng		99
31) Naphthalene	8.03	128	928458	36.385	ng		100
32) Benzoic acid	7.80	122	167132	31.738	ng		87
33) 4-Chloroaniline	8.08	127	168986	15.702	ng		98
34) Hexachlorobutadiene	8.15	225	149464	35.454	ng		98
35) Caprolactam	8.46	113	96213m	43.451	ng		
36) 4-Chloro-3-methylphenol	8.57	107	325669	38.917	ng	#	80
37) 2-Methylnaphthalene	8.72	142	624771	39.935	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	245198	34.062	ng	#	97
40) Hexachlorocyclopentadiene	8.87	237	263459	76.182	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	183160	37.898	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	188893	39.397	ng		95
45) 1,1'-Biphenyl	9.19	154	733367	34.286	ng		97
46) 2-Chloronaphthalene	9.21	162	543742	34.404	ng		93
47) 2-Nitroaniline	9.30	65	218325	41.207	ng		94
48) Acenaphthylene	9.62	152	911608	36.731	ng		99
49) Dimethylphthalate	9.49	163	673845	39.301	ng		99
50) 2,6-Dinitrotoluene	9.55	165	144135	42.114	ng	#	65
51) Acenaphthene	9.79	154	538232	34.386	ng		99
52) 3-Nitroaniline	9.72	138	93226	21.113	ng		91
53) 2,4-Dinitrophenol	9.83	184	114054	71.318	ng	#	80
54) Dibenzofuran	9.97	168	807064	38.471	ng		98
55) 4-Nitrophenol	9.89	139	254261	72.184	ng	#	51
56) 2,4-Dinitrotoluene	9.96	165	189192	44.049	ng	#	60
57) Fluorene	10.31	166	607116	37.432	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	156792	42.237	ng		94
59) Diethylphthalate	10.19	149	689882	38.476	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	287054	38.096	ng		90
61) 4-Nitroaniline	10.33	138	160699	38.291	ng	#	73
62) Azobenzene	10.46	77	820470	38.523	ng		94
64) 4,6-Dinitro-2-methylphenol	10.36	198	83219	39.959	ng	#	82
65) n-Nitrosodiphenylamine	10.42	169	570023	36.277	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	178102	37.169	ng		99
67) Hexachlorobenzene	10.86	284	174583	35.747	ng		93
68) Atrazine	10.95	200	174295	41.827	ng		97
69) Pentachlorophenol	11.05	266	185262	65.059	ng		99
70) Phenanthrene	11.27	178	896224	36.450	ng		99
71) Anthracene	11.32	178	928307	37.223	ng		100
72) Carbazole	11.47	167	876512	37.027	ng		99
73) Di-n-butylphthalate	11.81	149	1098306	40.279	ng		100
74) Fluoranthene	12.45	202	949570	37.000	ng		99
76) Benzidine	12.57	184	344444	31.121	ng	#	92
77) Pyrene	12.68	202	971149	35.175	ng		98
79) Butylbenzylphthalate	13.30	149	455751	43.055	ng	#	80
80) Benzo(a)anthracene	13.86	228	700794	34.639	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	151087	22.131	ng	#	96
82) Chrysene	13.90	228	715702	35.561	ng		100
83) Bis(2-ethylhexyl)phthalate	13.86	149	560217	47.761	ng	#	99
84) Di-n-octyl phthalate	14.47	149	974990	47.772	ng		98
85) Indeno(1,2,3-cd)pyrene	16.65	276	567657	38.342	ng		93
87) Benzo(b)fluoranthene	14.89	252	613262	37.653	ng		97
88) Benzo(k)fluoranthene	14.92	252	557210	36.414	ng	#	93
89) Benzo(a)pyrene	15.23	252	556152	38.572	ng		99
90) Dibenzo(a,h)anthracene	16.67	278	465889	39.689	ng		97
91) Benzo(g,h,i)perylene	17.06	276	482355	39.382	ng		93

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

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