Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
Data File : BF098160.D
Acq On : 30 Aug 2017 17:16
Operator : SJ/JU
Sample : PB101874BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101874BS

Manual Integrations APPROVED
Sohil
8/31/2017 7:11:59 PM

Quant Time: Aug 31 07:15:11 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	95793	20.00	ng		-0.03
21) Naphthalene-d8	8.00	136	395279	20.00	ng		-0.03
38) Acenaphthene-d10	9.76	164	180473	20.00	ng		-0.03
63) Phenanthrene-d10	11.24	188	362021	20.00	ng		-0.02
75) Chrysene-d12	13.87	240	273397	20.00	ng		-0.02
86) Perylene-d12	15.28	264	193099	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	770515	122.35	ng		-0.01
7) Phenol-d6	6.36	99	1030292	120.41	ng		-0.02
23) Nitrobenzene-d5	7.29	82	634005	87.13	ng		-0.04
41) 2,4,6-Tribromophenol	10.55	330	206558	131.91	ng		-0.02
44) 2-Fluorobiphenyl	9.08	172	987099	80.36	ng		-0.03
78) Terphenyl-d14	12.82	244	881060	67.20	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	124062	35.323	ng		88
3) Pyridine	3.18	79	348873	35.931	ng	#	84
4) n-Nitrosodimethylamine	3.13	42	129472	34.656	ng	#	74
6) Aniline	6.39	93	158960	13.224	ng		96
8) 2-Chlorophenol	6.51	128	266634	40.146	ng		99
9) Benzaldehyde	6.27	77	128871	23.777	ng		89
10) Phenol	6.37	94	376804	37.652	ng		95
11) bis(2-Chloroethyl)ether	6.46	93	286073	37.874	ng		96
12) 1,3-Dichlorobenzene	6.66	146	266969	37.369	ng	#	94
13) 1,4-Dichlorobenzene	6.74	146	272403	37.491	ng	#	93
14) 1,2-Dichlorobenzene	6.89	146	254812	38.034	ng		99
15) Benzyl Alcohol	6.87	79	257475	40.190	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.00	45	381246	37.514	ng		91
17) 2-Methylphenol	6.99	107	238435	40.738	ng		96
18) Hexachloroethane	7.23	117	109626	38.484	ng	#	79
19) n-Nitroso-di-n-propylamine	7.14	70	212397	36.260	ng		90
20) 3+4-Methylphenols	7.14	107	296097	41.420	ng		99
22) Acetophenone	7.13	105	389164	37.268	ng	#	89
24) Nitrobenzene	7.31	77	332779	41.076	ng		96
25) Isophorone	7.55	82	589635	38.971	ng		96
26) 2-Nitrophenol	7.62	139	135697	46.425	ng	#	80
27) 2,4-Dimethylphenol	7.67	122	242651	38.455	ng		96
28) bis(2-Chloroethoxy)methane	7.76	93	371808	37.379	ng		99
29) 2,4-Dichlorophenol	7.87	162	211070	40.297	ng		95
30) 1,2,4-Trichlorobenzene	7.95	180	212971	36.678	ng		100
31) Naphthalene	8.03	128	760618	37.066	ng		100
32) Benzoic acid	7.79	122	155192	35.656	ng		88
33) 4-Chloroaniline	8.08	127	82231	9.502	ng		98
34) Hexachlorobutadiene	8.15	225	122695	36.190	ng		99
35) Caprolactam	8.45	113	75371m	42.327	ng		
36) 4-Chloro-3-methylphenol	8.57	107	259595	38.574	ng	#	80
37) 2-Methylnaphthalene	8.72	142	502833	39.967	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	198434	35.827	ng	#	97
40) Hexachlorocyclopentadiene	8.87	237	213946	80.406	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	143342	38.548	ng		100
43) 2,4,5-Trichlorophenol	9.04	196	146142	39.615	ng		94
45) 1,1'-Biphenyl	9.19	154	586851	35.659	ng		97
46) 2-Chloronaphthalene	9.21	162	435866	35.844	ng		93
47) 2-Nitroaniline	9.30	65	168376	41.304	ng		94
48) Acenaphthylene	9.62	152	713900	37.386	ng		99
49) Dimethylphthalate	9.49	163	513161	38.899	ng		99
50) 2,6-Dinitrotoluene	9.55	165	110180	41.842	ng	#	76
51) Acenaphthene	9.79	154	425393	35.322	ng		99
52) 3-Nitroaniline	9.71	138	58360	17.178	ng		86
53) 2,4-Dinitrophenol	9.83	184	103544	82.326	ng	#	73
54) Dibenzofuran	9.96	168	642542	39.809	ng		100
55) 4-Nitrophenol	9.89	139	198690	73.313	ng	#	43
56) 2,4-Dinitrotoluene	9.95	165	149354	45.195	ng	#	50
57) Fluorene	10.30	166	487209	39.042	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.09	232	122445	42.871	ng		95
59) Diethylphthalate	10.19	149	533472	38.670	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	227663	39.270	ng		88
61) 4-Nitroaniline	10.33	138	121242	37.548	ng		75
62) Azobenzene	10.46	77	641404	39.141	ng		92
64) 4,6-Dinitro-2-methylphenol	10.36	198	69144	41.826	ng		88
65) n-Nitrosodiphenylamine	10.42	169	441838	35.841	ng		100
66) 4-Bromophenyl-phenylether	10.79	248	138160	36.751	ng		97
67) Hexachlorobenzene	10.85	284	134168	35.015	ng	#	85
68) Atrazine	10.95	200	134435	41.120	ng		98
69) Pentachlorophenol	11.05	266	148790	66.598	ng		99
70) Phenanthrene	11.26	178	712889	36.954	ng		99
71) Anthracene	11.32	178	733641	37.495	ng		100
72) Carbazole	11.47	167	692011	37.260	ng		98
73) Di-n-butylphthalate	11.80	149	856939	40.057	ng		99
74) Fluoranthene	12.45	202	761790	37.833	ng		99
76) Benzidine	12.57	184	164051m	18.301	ng		
77) Pyrene	12.67	202	792176	35.427	ng		99
79) Butylbenzylphthalate	13.30	149	360203	42.015	ng	#	71
80) Benzo(a)anthracene	13.86	228	574300	35.049	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	114202	20.654	ng	#	94
82) Chrysene	13.90	228	571126	35.038	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	437501	46.053	ng		100
84) Di-n-octyl phthalate	14.47	149	740885	44.822	ng		98
85) Indeno(1,2,3-cd)pyrene	16.65	276	438606	36.578	ng		94
87) Benzo(b)fluoranthene	14.88	252	445069	36.566	ng		99
88) Benzo(k)fluoranthene	14.91	252	451720	39.502	ng	#	94
89) Benzo(a)pyrene	15.22	252	425905	39.526	ng		98
90) Dibenzo(a,h)anthracene	16.66	278	363175	41.400	ng		96
91) Benzo(g,h,i)perylene	17.06	276	370809	40.511	ng	#	91

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

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