Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
Data File : BF099350.D
Acq On : 11 Oct 2017 17:49
Operator : SJ/JU
Sample : PB103140BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 12 01:03:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

Instrument : BNA_F
ClientSampleId : PB103140BS

Manual Integrations APPROVED
Sohil
10/13/2017 12:07:12 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	118250	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	484057	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	217515	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	383391	20.00	ng		0.00
75) Chrysene-d12	14.02	240	225452	20.00	ng		0.00
86) Perylene-d12	15.48	264	176070	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	880075	118.48	ng		0.02
7) Phenol-d6	6.50	99	1046446	114.20	ng		0.01
23) Nitrobenzene-d5	7.42	82	625738	82.90	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	223082	125.34	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1175626	90.23	ng		0.00
78) Terphenyl-d14	12.96	244	983913	99.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	112058	31.580	ng		93
3) Pyridine	3.49	79	311285	32.429	ng		92
4) n-Nitrosodimethylamine	3.45	42	132411	32.530	ng	#	78
6) Aniline	6.52	93	310159	25.078	ng		99
8) 2-Chlorophenol	6.65	128	321187	38.181	ng		93
9) Benzaldehyde	6.40	77	118005	22.200	ng		96
10) Phenol	6.51	94	393827	38.428	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	299491	37.591	ng		97
12) 1,3-Dichlorobenzene	6.79	146	347081	39.397	ng		97
13) 1,4-Dichlorobenzene	6.87	146	352176	39.290	ng		99
14) 1,2-Dichlorobenzene	7.02	146	324750	39.210	ng		98
15) Benzyl Alcohol	7.00	79	247430	36.807	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	422187	34.012	ng		95
17) 2-Methylphenol	7.11	107	264512	38.429	ng		98
18) Hexachloroethane	7.36	117	122093	37.895	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	197919	33.829	ng		95
20) 3+4-Methylphenols	7.26	107	312434	35.881	ng	#	76
22) Acetophenone	7.26	105	418594	35.692	ng	#	94
24) Nitrobenzene	7.44	77	316794	36.999	ng		96
25) Isophorone	7.67	82	583212	37.372	ng		99
26) 2-Nitrophenol	7.75	139	183194	44.493	ng		92
27) 2,4-Dimethylphenol	7.79	122	296402	38.119	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	375571	38.618	ng		99
29) 2,4-Dichlorophenol	8.00	162	269797	40.413	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	275397	41.245	ng		100
31) Naphthalene	8.16	128	907854	39.933	ng		99
32) Benzoic acid	7.93	122	205257	32.136	ng		96
33) 4-Chloroaniline	8.20	127	162005	17.064	ng		96
34) Hexachlorobutadiene	8.27	225	138366	40.232	ng		99
35) Caprolactam	8.59	113	89063m	41.589	ng		
36) 4-Chloro-3-methylphenol	8.69	107	279044	37.187	ng		97
37) 2-Methylnaphthalene	8.85	142	623175	42.166	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	249497	38.462	ng		99
40) Hexachlorocyclopentadiene	9.00	237	175332	59.144	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	178196	38.776	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	187089	40.782	ng		93
45) 1,1'-Biphenyl	9.31	154	718675	38.444	ng		99
46) 2-Chloronaphthalene	9.34	162	567495	40.432	ng		97
47) 2-Nitroaniline	9.44	65	159443	37.099	ng		90
48) Acenaphthylene	9.76	152	854989	39.792	ng		99
49) Dimethylphthalate	9.62	163	663040	40.388	ng		100
50) 2,6-Dinitrotoluene	9.68	165	150063	41.987	ng	#	85
51) Acenaphthene	9.93	154	501617	36.854	ng		100
52) 3-Nitroaniline	9.85	138	111976	26.870	ng		89
53) 2,4-Dinitrophenol	9.96	184	129012	70.110	ng		90
54) Dibenzofuran	10.10	168	751725	41.481	ng		100
55) 4-Nitrophenol	10.02	139	229968	65.262	ng		86
56) 2,4-Dinitrotoluene	10.09	165	194667	41.968	ng	#	93
57) Fluorene	10.44	166	591302	40.595	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	141910	44.781	ng		95
59) Diethylphthalate	10.31	149	634526	39.555	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	266613	40.748	ng		98
61) 4-Nitroaniline	10.47	138	167423	41.642	ng		86
62) Azobenzene	10.59	77	572492	38.813	ng		92
64) 4,6-Dinitro-2-methylphenol	10.50	198	89202	38.241	ng		79
65) n-Nitrosodiphenylamine	10.55	169	534617	40.252	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	155669	41.481	ng	#	88
67) Hexachlorobenzene	10.99	284	159526	39.801	ng		99
68) Atrazine	11.07	200	166854	41.754	ng		98
69) Pentachlorophenol	11.19	266	159468	63.928	ng		100
70) Phenanthrene	11.40	178	844880	41.170	ng		99
71) Anthracene	11.46	178	877968	41.812	ng		99
72) Carbazole	11.61	167	815091	39.640	ng		99
73) Di-n-butylphthalate	11.93	149	986193	39.846	ng		99
74) Fluoranthene	12.59	202	858097	41.293	ng		99
76) Benzidine	12.71	184	207912	24.933	ng		97
77) Pyrene	12.82	202	850930	49.497	ng		100
79) Butylbenzylphthalate	13.43	149	383174	47.425	ng		93
80) Benzo(a)anthracene	14.00	228	594031	43.513	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	151257	30.224	ng		98
82) Chrysene	14.04	228	555996	42.779	ng		98
83) Bis(2-ethylhexyl)phthalate	13.98	149	492490	44.268	ng		99
84) Di-n-octyl phthalate	14.59	149	668019	37.290	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.97	276	527326	50.720	ng		96
87) Benzo(b)fluoranthene	15.05	252	476442m	44.011	ng		
88) Benzo(k)fluoranthene	15.09	252	427856	40.015	ng		97
89) Benzo(a)pyrene	15.42	252	442823	44.563	ng		97
90) Dibenzo(a,h)anthracene	16.98	278	433533	54.515	ng		97
91) Benzo(g,h,i)perylene	17.42	276	471379	59.965	ng		95

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

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