Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
Data File : BF086531.D
Acq On : 30 Apr 2016 18:46
Operator : UM/SJ
Sample : PB90117BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90117BS

Manual Integrations APPROVED
sohil
5/2/2016 7:53:38 PM

Quant Time: May 01 04:22:38 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 01 01:17:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	134824	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	595119	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	279537	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	552193	20.00	ng		0.00
75) Chrysene-d12	13.92	240	392034	20.00	ng		0.00
86) Perylene-d12	15.31	264	313718	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1055109	134.99	ng		0.01
7) Phenol-d6	6.41	99	1563600	143.33	ng		0.00
23) Nitrobenzene-d5	7.33	82	943856	85.49	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	437095	148.27	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1637892	108.48	ng		0.00
78) Terphenyl-d14	12.88	244	1646645	92.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	147111	35.83	ng	#	76
3) Pyridine	3.06	79	432434	44.50	ng	#	69
4) n-Nitrosodimethylamine	3.01	42	267752	48.34	ng	#	60
6) Aniline	6.43	93	379568	28.75	ng	#	49
8) 2-Chlorophenol	6.56	128	427256	43.89	ng		98
9) Benzaldehyde	6.30	77	58272	9.18	ng		91
10) Phenol	6.43	94	494488	40.63	ng	#	66
11) bis(2-Chloroethyl)ether	6.51	93	486425	46.23	ng		91
12) 1,3-Dichlorobenzene	6.70	146	429001	40.97	ng	#	94
13) 1,4-Dichlorobenzene	6.78	146	444675	41.16	ng		96
14) 1,2-Dichlorobenzene	6.93	146	390116	39.37	ng		93
15) Benzyl Alcohol	6.92	79	350832	50.83	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.06	45	874389	41.52	ng		90
17) 2-Methylphenol	7.04	107	369518	46.96	ng	#	94
18) Hexachloroethane	7.28	117	162689	40.29	ng		97
19) n-Nitroso-di-n-propylamine	7.18	70	319845	44.36	ng	#	68
20) 3+4-Methylphenols	7.18	107	417023	46.42	ng		92
22) Acetophenone	7.18	105	570075	43.69	ng	#	88
24) Nitrobenzene	7.36	77	505518	44.51	ng		95
25) Isophorone	7.60	82	881320	41.48	ng		99
26) 2-Nitrophenol	7.68	139	237342	45.39	ng		96
27) 2,4-Dimethylphenol	7.72	122	423198	46.12	ng		97
28) bis(2-Chloroethoxy)methane	7.81	93	546179	47.18	ng		99
29) 2,4-Dichlorophenol	7.92	162	365142	47.17	ng		98
30) 1,2,4-Trichlorobenzene	8.00	180	364299	40.56	ng		97
31) Naphthalene	8.08	128	1254432	41.42	ng		99
32) Benzoic acid	7.85	122	195820	37.58	ng	#	83
33) 4-Chloroaniline	8.13	127	200364	17.67	ng		98
34) Hexachlorobutadiene	8.20	225	199412	39.61	ng		98
35) Caprolactam	8.50	113	119081m	46.11	ng		
36) 4-Chloro-3-methylphenol	8.62	107	413143	46.61	ng		97
37) 2-Methylnaphthalene	8.77	142	808480	45.25	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	315829	39.47	ng	#	97
40) Hexachlorocyclopentadiene	8.92	237	336222	84.56	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	232354	45.94	ng		95
43) 2,4,5-Trichlorophenol	9.09	196	246908	44.79	ng	#	90
45) 1,1'-Biphenyl	9.23	154	965301	41.31	ng		96
46) 2-Chloronaphthalene	9.25	162	729639	41.07	ng		93
47) 2-Nitroaniline	9.36	65	307865	54.04	ng		88
48) Acenaphthylene	9.66	152	1150115	41.42	ng		98
49) Dimethylphthalate	9.54	163	913495	43.41	ng		100
50) 2,6-Dinitrotoluene	9.60	165	189838	43.67	ng	#	81
51) Acenaphthene	9.84	154	822925	46.14	ng		99
52) 3-Nitroaniline	9.77	138	125467	25.38	ng		100
53) 2,4-Dinitrophenol	9.87	184	195027	81.84	ng	#	74
54) Dibenzofuran	10.02	168	1046253	46.93	ng		96
55) 4-Nitrophenol	9.94	139	305533	94.38	ng	#	68
56) 2,4-Dinitrotoluene	10.01	165	271813	49.04	ng	#	83
57) Fluorene	10.35	166	752992	38.90	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	220829	51.24	ng		98
59) Diethylphthalate	10.24	149	858534	43.10	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	369918	42.09	ng		89
61) 4-Nitroaniline	10.38	138	229502	47.48	ng		87
62) Azobenzene	10.51	77	1079582	49.48	ng		90
64) 4,6-Dinitro-2-methylphenol	10.41	198	140619	43.38	ng	#	64
65) n-Nitrosodiphenylamine	10.48	169	741833	42.99	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	243792	42.85	ng	#	78
67) Hexachlorobenzene	10.90	284	261154	39.65	ng	#	79
68) Atrazine	11.00	200	261433	50.45	ng		96
69) Pentachlorophenol	11.09	266	270448	77.88	ng		99
70) Phenanthrene	11.31	178	1169797	40.37	ng		99
71) Anthracene	11.37	178	1376616	44.51	ng		100
72) Carbazole	11.52	167	1156858	42.21	ng		98
73) Di-n-butylphthalate	11.86	149	1401397	45.13	ng		100
74) Fluoranthene	12.50	202	1328661	45.42	ng		92
76) Benzidine	12.63	184	384961	28.57	ng		95
77) Pyrene	12.72	202	1267497	44.87	ng		99
79) Butylbenzylphthalate	13.35	149	533753	43.63	ng	#	70
80) Benzo(a)anthracene	13.91	228	949492	45.43	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	188229	13.47	ng		98
82) Chrysene	13.94	228	986459	43.42	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	576423	37.96	ng	#	96
84) Di-n-octyl phthalate	14.52	149	944588	39.72	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.65	276	850947	50.55	ng		97
87) Benzo(b)fluoranthene	14.92	252	885132m	47.96	ng		
88) Benzo(k)fluoranthene	14.95	252	762205m	39.59	ng		
89) Benzo(a)pyrene	15.25	252	780922	44.82	ng		98
90) Dibenzo(a,h)anthracene	16.66	278	709417	49.75	ng		99
91) Benzo(g,h,i)perylene	17.05	276	711689	49.80	ng		96

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

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