Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
Data File : BF088545.D
Acq On : 30 Jun 2016 22:54
Operator : UM/SJ
Sample : PB91702BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91702BS

Manual Integrations
APPROVED
SOHIL
7/1/2016 8:05:24 AM

Quant Time: Jul 01 02:16:26 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	139429	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	585426	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	275350	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	504198	20.00	ng		0.00
75) Chrysene-d12	13.95	240	404838	20.00	ng		0.00
86) Perylene-d12	15.35	264	385958	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	734896	78.99	ng		0.01
7) Phenol-d6	6.44	99	1027700	85.49	ng		0.00
23) Nitrobenzene-d5	7.37	82	704863	63.10	ng		-0.01
41) 2,4,6-Tribromophenol	10.64	330	247763	96.90	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	1047546	60.09	ng		0.00
78) Terphenyl-d14	12.91	244	1056248	58.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	117357	25.44	ng	#	30
3) Pyridine	3.18	79	182474	13.63	ng		95
4) n-Nitrosodimethylamine	3.11	42	76842	15.03	ng		90
6) Aniline	6.47	93	167145	9.54	ng		97
8) 2-Chlorophenol	6.59	128	163527	16.35	ng		97
9) Benzaldehyde	6.35	77	116439	14.30	ng		86
10) Phenol	6.46	94	272691	19.88	ng		95
11) bis(2-Chloroethyl)ether	6.55	93	161281	15.76	ng		94
12) 1,3-Dichlorobenzene	6.75	146	175266	15.93	ng		99
13) 1,4-Dichlorobenzene	6.83	146	177439	16.25	ng		99
14) 1,2-Dichlorobenzene	6.98	146	159828m	15.64	ng		
15) Benzyl Alcohol	6.96	79	138795	15.69	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	223028	15.05	ng		94
17) 2-Methylphenol	7.06	107	134810	16.53	ng		98
18) Hexachloroethane	7.32	117	63060	14.93	ng	#	82
19) n-Nitroso-di-n-propylamine	7.22	70	126861	15.71	ng		96
20) 3+4-Methylphenols	7.22	107	181617	18.55	ng	#	72
22) Acetophenone	7.22	105	241952	17.03	ng	#	88
24) Nitrobenzene	7.39	77	198128	17.59	ng	#	85
25) Isophorone	7.63	82	331763	16.03	ng		95
26) 2-Nitrophenol	7.71	139	79427	17.20	ng		90
27) 2,4-Dimethylphenol	7.75	122	161834	16.82	ng		92
28) bis(2-Chloroethoxy)methane	7.85	93	223898	16.63	ng	#	95
29) 2,4-Dichlorophenol	7.95	162	136748	17.59	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	140093	16.42	ng		96
31) Naphthalene	8.11	128	471119	16.32	ng		98
32) Benzoic acid	7.84	122	82297	11.78	ng		93
33) 4-Chloroaniline	8.16	127	101843	7.93	ng	#	94
34) Hexachlorobutadiene	8.24	225	71375	15.62	ng		97
35) Caprolactam	8.50	113	45412m	17.20	ng		
36) 4-Chloro-3-methylphenol	8.65	107	147302	16.02	ng		91
37) 2-Methylnaphthalene	8.81	142	322386m	17.35	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	123097	13.44	ng	#	1
40) Hexachlorocyclopentadiene	8.97	237	221806	49.34	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	94159	15.59	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	92228	17.75	ng	#	88
45) 1,1'-Biphenyl	9.28	154	371232	16.28	ng		96
46) 2-Chloronaphthalene	9.29	162	284694	15.90	ng		98
47) 2-Nitroaniline	9.38	65	89677	14.12	ng		89
48) Acenaphthylene	9.71	152	487200	17.11	ng		98
49) Dimethylphthalate	9.58	163	358057	18.25	ng		99
50) 2,6-Dinitrotoluene	9.63	165	79489	18.28	ng	#	86
51) Acenaphthene	9.88	154	332746	19.06	ng		99
52) 3-Nitroaniline	9.79	138	60603	10.97	ng		96
53) 2,4-Dinitrophenol	9.90	184	84700	44.12	ng	#	77
54) Dibenzofuran	10.06	168	434542	19.02	ng		96
55) 4-Nitrophenol	9.95	139	200521	47.74	ng		97
56) 2,4-Dinitrotoluene	10.03	165	106802	18.79	ng		94
57) Fluorene	10.39	166	310860	17.65	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	81335	20.24	ng	#	55
59) Diethylphthalate	10.27	149	343186	17.43	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	136779	16.72	ng		94
61) 4-Nitroaniline	10.40	138	73048	13.73	ng		85
62) Azobenzene	10.55	77	389712	17.35	ng		93
64) 4,6-Dinitro-2-methylphenol	10.43	198	43307	16.06	ng		88
65) n-Nitrosodiphenylamine	10.50	169	277640	16.27	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	90949	17.90	ng		96
67) Hexachlorobenzene	10.94	284	88382	15.71	ng		92
68) Atrazine	11.03	200	81488	15.33	ng		89
69) Pentachlorophenol	11.13	266	162479	48.81	ng		97
70) Phenanthrene	11.35	178	477278	17.32	ng		99
71) Anthracene	11.40	178	502326	18.33	ng		98
72) Carbazole	11.55	167	480716	18.64	ng		99
73) Di-n-butylphthalate	11.90	149	551604	18.38	ng		99
74) Fluoranthene	12.53	202	496337	17.76	ng		93
76) Benzidine	12.65	184	311973	15.25	ng		99
77) Pyrene	12.75	202	491018	14.30	ng		100
79) Butylbenzylphthalate	13.38	149	218687	14.28	ng	#	64
80) Benzo(a)anthracene	13.94	228	460253	17.66	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	82656	8.43	ng	#	97
82) Chrysene	13.98	228	388048	15.05	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	284318	16.26	ng	#	99
84) Di-n-octyl phthalate	14.56	149	501247	16.88	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.70	276	317710	16.01	ng	#	100
87) Benzo(b)fluoranthene	14.96	252	437103m	18.05	ng		
88) Benzo(k)fluoranthene	14.98	252	311728m	14.79	ng		
89) Benzo(a)pyrene	15.29	252	352871	17.21	ng		99
90) Dibenzo(a,h)anthracene	16.72	278	264941	15.48	ng		96
91) Benzo(g,h,i)perylene	17.10	276	258885	14.62	ng		98

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

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