Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088152.D
Acq On : 19 Jun 2016 00:24
Operator : UM/SJ
Sample : PB91406BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91406BS

Manual Integrations APPROVED
sohil
6/20/2016 6:57:04 PM

Quant Time: Jun 20 06:35:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 17 16:09:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	95500	20.00	ng		-0.01
21) Naphthalene-d8	7.98	136	365835	20.00	ng		-0.01
38) Acenaphthene-d10	9.72	164	147951	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	227432	20.00	ng		-0.01
75) Chrysene-d12	13.83	240	151357	20.00	ng		-0.02
86) Perylene-d12	15.21	264	131014	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	654624	117.18	ng		0.01
7) Phenol-d6	6.35	99	826115	122.02	ng		0.00
23) Nitrobenzene-d5	7.26	82	456223	72.82	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	128725	82.40	ng		-0.01
44) 2-Fluorobiphenyl	9.05	172	887794	94.91	ng		-0.02
78) Terphenyl-d14	12.79	244	643559	96.75	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	96119	35.41	ng	#	37
3) Pyridine	2.94	79	266699	41.61	ng		93
4) n-Nitrosodimethylamine	2.89	42	104146	38.37	ng		83
6) Aniline	6.35	93	131768	13.67	ng	#	4
8) 2-Chlorophenol	6.48	128	286505	43.33	ng		87
10) Phenol	6.36	94	312223	44.65	ng		98
11) bis(2-Chloroethyl)ether	6.43	93	263761	44.43	ng		85
12) 1,3-Dichlorobenzene	6.63	146	307635m	43.36	ng		
13) 1,4-Dichlorobenzene	6.71	146	306199	42.85	ng		96
14) 1,2-Dichlorobenzene	6.86	146	273701m	42.11	ng		
15) Benzyl Alcohol	6.84	79	184045	34.75	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.98	45	303949	37.90	ng		73
17) 2-Methylphenol	6.97	107	219812	40.99	ng	#	94
18) Hexachloroethane	7.20	117	94952	37.44	ng		98
19) n-Nitroso-di-n-propylamine	7.12	70	187124	43.21	ng	#	81
20) 3+4-Methylphenols	7.12	107	286866	45.85	ng	#	79
22) Acetophenone	7.11	105	377664	46.19	ng	#	97
24) Nitrobenzene	7.28	77	276110	45.50	ng		96
25) Isophorone	7.52	82	490533	42.27	ng		98
26) 2-Nitrophenol	7.60	139	102088	31.40	ng	#	72
27) 2,4-Dimethylphenol	7.64	122	230640	38.53	ng		93
28) bis(2-Chloroethoxy)methane	7.74	93	345958	48.07	ng	#	97
29) 2,4-Dichlorophenol	7.85	162	202754	40.57	ng		90
30) 1,2,4-Trichlorobenzene	7.92	180	234018	43.01	ng		99
31) Naphthalene	8.00	128	786660	43.45	ng		99
32) Benzoic acid	7.77	122	56409	17.12	ng		97
33) 4-Chloroaniline	8.06	127	83412	10.32	ng	#	92
34) Hexachlorobutadiene	8.11	225	122085	42.54	ng		99
35) Caprolactam	8.43	113	61934	37.42	ng		87
36) 4-Chloro-3-methylphenol	8.56	107	204897	38.34	ng		89
37) 2-Methylnaphthalene	8.68	142	466597	39.10	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	211962	64.24	ng	#	1
40) Hexachlorocyclopentadiene	8.83	237	23567	9.88	ng		100
42) 2,4,6-Trichlorophenol	8.98	196	124348	42.03	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.03	196	117760	38.26	ng		99
45) 1,1'-Biphenyl	9.15	154	572894	52.64	ng		98
46) 2-Chloronaphthalene	9.18	162	435069	45.44	ng		98
47) 2-Nitroaniline	9.28	65	125778	44.53	ng	#	85
48) Acenaphthylene	9.59	152	652656	42.86	ng		99
49) Dimethylphthalate	9.46	163	552488	51.55	ng		99
50) 2,6-Dinitrotoluene	9.52	165	90900	37.04	ng	#	68
51) Acenaphthene	9.76	154	389210	40.97	ng		99
52) 3-Nitroaniline	9.69	138	116628	41.18	ng		89
53) 2,4-Dinitrophenol	9.80	184	8297	10.44	ng		91
54) Dibenzofuran	9.93	168	557052	42.58	ng		92
55) 4-Nitrophenol	9.87	139	86108	39.17	ng		88
56) 2,4-Dinitrotoluene	9.92	165	96555	30.61	ng	#	50
57) Fluorene	10.27	166	427122	48.71	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	88712	36.67	ng	#	61
59) Diethylphthalate	10.16	149	519772	47.91	ng		98
60) 4-Chlorophenyl-phenylether	10.26	204	174172	40.03	ng		93
61) 4-Nitroaniline	10.31	138	113190	42.13	ng		82
62) Azobenzene	10.42	77	438725	40.90	ng		96
64) 4,6-Dinitro-2-methylphenol	10.33	198	10466	9.20	ng		92
65) n-Nitrosodiphenylamine	10.39	169	377610	50.04	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	123389	50.57	ng		96
67) Hexachlorobenzene	10.82	284	117459	46.33	ng	#	71
68) Atrazine	10.91	200	88655	38.79	ng		91
69) Pentachlorophenol	11.02	266	65007	48.65	ng		96
70) Phenanthrene	11.22	178	546670	45.81	ng		99
71) Anthracene	11.28	178	580594	48.23	ng		99
72) Carbazole	11.44	167	536795	47.65	ng		99
73) Di-n-butylphthalate	11.77	149	661470	46.38	ng		100
74) Fluoranthene	12.41	202	554227	44.01	ng		98
76) Benzidine	12.54	184	198911	47.46	ng		98
77) Pyrene	12.64	202	561792	50.02	ng		99
79) Butylbenzylphthalate	13.26	149	262878	52.94	ng	#	83
80) Benzo(a)anthracene	13.82	228	414693	48.08	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	118111	50.92	ng		99
82) Chrysene	13.86	228	442978	54.59	ng		97
83) Bis(2-ethylhexyl)phthalate	13.82	149	347014	57.41	ng		98
84) Di-n-octyl phthalate	14.43	149	645536	65.72	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.51	276	337806	44.81	ng	#	100
87) Benzo(b)fluoranthene	14.83	252	409425m	44.84	ng		
88) Benzo(k)fluoranthene	14.86	252	331512m	48.13	ng		
89) Benzo(a)pyrene	15.15	252	346128	46.85	ng		99
90) Dibenzo(a,h)anthracene	16.53	278	285516	41.61	ng		98
91) Benzo(g,h,i)perylene	16.90	276	286074	40.53	ng		99

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

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