Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
Data File : BF088709.D
Acq On : 5 Jul 2016 18:12
Operator : UM/SJ
Sample : PB91727BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91727BS

Quant Time: Jul 06 01:56:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 06 01:47:10 2016
Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	104561	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	419827	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	210826	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	402616	20.00	ng		0.00
75) Chrysene-d12	13.92	240	260187	20.00	ng		0.00
86) Perylene-d12	15.30	264	206201	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	725487	103.99	ng		0.01
7) Phenol-d6	6.42	99	975418	108.20	ng		0.01
23) Nitrobenzene-d5	7.35	82	713672	89.08	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	279637	142.84	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1162858	87.13	ng		0.00
78) Terphenyl-d14	12.87	244	966217	82.71	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.08	79	296953	29.59	ng		90
4) n-Nitrosodimethylamine	3.04	42	123132	32.11	ng		86
6) Aniline	6.43	93	329488	25.08	ng	#	1
8) 2-Chlorophenol	6.56	128	282864	37.72	ng		96
9) Benzaldehyde	6.32	77	243315	39.85	ng		88
10) Phenol	6.43	94	409361	39.79	ng	#	67
11) bis(2-Chloroethyl)ether	6.51	93	258451	33.69	ng		95
12) 1,3-Dichlorobenzene	6.72	146	311733	37.78	ng		97
13) 1,4-Dichlorobenzene	6.80	146	303168	37.02	ng		96
14) 1,2-Dichlorobenzene	6.95	146	288640m	37.65	ng		
15) Benzyl Alcohol	6.92	79	290098	43.72	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	347913	31.31	ng		90
17) 2-Methylphenol	7.04	107	242856	39.70	ng		97
18) Hexachloroethane	7.29	117	120090	37.91	ng		90
19) n-Nitroso-di-n-propylamine	7.20	70	207834	34.32	ng		92
20) 3+4-Methylphenols	7.20	107	331488	45.15	ng		89
22) Acetophenone	7.19	105	413049	40.54	ng	#	88
24) Nitrobenzene	7.36	77	301744	37.36	ng	#	83
25) Isophorone	7.61	82	626545	42.22	ng		98
26) 2-Nitrophenol	7.68	139	167264	50.50	ng		93
27) 2,4-Dimethylphenol	7.72	122	295419	42.82	ng		90
28) bis(2-Chloroethoxy)methane	7.82	93	371665	38.49	ng	#	94
29) 2,4-Dichlorophenol	7.92	162	237039	42.51	ng		96
30) 1,2,4-Trichlorobenzene	8.01	180	254774	41.64	ng		96
31) Naphthalene	8.08	128	845731	40.86	ng		99
32) Benzoic acid	7.79	122	20198	4.03	ng		88
33) 4-Chloroaniline	8.14	127	176396	19.16	ng	#	93
34) Hexachlorobutadiene	8.20	225	136165	41.56	ng		98
35) Caprolactam	8.50	113	84512m	44.63	ng		
36) 4-Chloro-3-methylphenol	8.62	107	294492	44.67	ng		91
37) 2-Methylnaphthalene	8.78	142	597188	44.81	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	230637	32.89	ng	#	1
40) Hexachlorocyclopentadiene	8.94	237	273777	79.55	ng		99
42) 2,4,6-Trichlorophenol	9.05	196	178457	38.60	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.10	196	193707	48.70	ng		98
45) 1,1'-Biphenyl	9.24	154	675398	38.69	ng		96
46) 2-Chloronaphthalene	9.26	162	536841	39.17	ng		96
47) 2-Nitroaniline	9.36	65	208642	42.90	ng		86
48) Acenaphthylene	9.68	152	916656	42.04	ng		99
49) Dimethylphthalate	9.54	163	613559	40.85	ng		99
50) 2,6-Dinitrotoluene	9.60	165	134354	40.36	ng	#	47
51) Acenaphthene	9.85	154	565888	42.34	ng		99
52) 3-Nitroaniline	9.76	138	95820	22.64	ng		82
53) 2,4-Dinitrophenol	9.87	184	44060	29.98	ng	#	76
54) Dibenzofuran	10.02	168	798352	45.63	ng		95
55) 4-Nitrophenol	9.94	139	283947	88.30	ng	#	83
56) 2,4-Dinitrotoluene	10.00	165	192493	44.23	ng	#	42
57) Fluorene	10.36	166	570908	42.34	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	147296	47.86	ng	#	48
59) Diethylphthalate	10.24	149	620089	41.14	ng		97
60) 4-Chlorophenyl-phenylether	10.35	204	257465	41.10	ng		95
61) 4-Nitroaniline	10.38	138	153933	37.80	ng		83
62) Azobenzene	10.51	77	778963	45.30	ng		96
64) 4,6-Dinitro-2-methylphenol	10.41	198	58854	27.33	ng	#	76
65) n-Nitrosodiphenylamine	10.48	169	549862	40.35	ng		100
66) 4-Bromophenyl-phenylether	10.85	248	175426	43.24	ng		94
67) Hexachlorobenzene	10.90	284	169024	37.63	ng		96
68) Atrazine	11.01	200	179506	42.28	ng		93
69) Pentachlorophenol	11.10	266	144580	54.39	ng		97
70) Phenanthrene	11.31	178	820341	37.27	ng		99
71) Anthracene	11.37	178	930192	42.51	ng		98
72) Carbazole	11.52	167	802241	38.95	ng		99
73) Di-n-butylphthalate	11.86	149	1072602	44.77	ng		99
74) Fluoranthene	12.49	202	825320	36.99	ng		97
76) Benzidine	12.62	184	567418	43.15	ng		98
77) Pyrene	12.72	202	790213	35.82	ng		100
79) Butylbenzylphthalate	13.35	149	413155	41.99	ng	#	81
80) Benzo(a)anthracene	13.91	228	692675	41.34	ng		100
81) 3,3'-Dichlorobenzidine	13.87	252	122598	19.46	ng		98
82) Chrysene	13.94	228	680077	41.03	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	487801	43.42	ng		99
84) Di-n-octyl phthalate	14.51	149	778069	40.77	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.64	276	561980	44.07	ng	#	100
87) Benzo(b)fluoranthene	14.91	252	561058m	43.37	ng		
88) Benzo(k)fluoranthene	14.94	252	475020m	42.18	ng		
89) Benzo(a)pyrene	15.25	252	473966	43.28	ng		98
90) Dibenzo(a,h)anthracene	16.65	278	458793	50.17	ng		99
91) Benzo(g,h,i)perylene	17.04	276	480218	50.74	ng		96

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

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