Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
Data File : BF088183.D
Acq On : 20 Jun 2016 20:53
Operator : UM/SJ
Sample : PB91363BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91363BS

Manual Integrations APPROVED
sohil
6/21/2016 4:22:18 PM

Quant Time: Jun 21 01:30:39 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 17:39:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	94887	20.00	ng		-0.01
21) Naphthalene-d8	7.95	136	397171	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	191290	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	347960	20.00	ng		0.00
75) Chrysene-d12	13.81	240	268683	20.00	ng		0.00
86) Perylene-d12	15.18	264	223742	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	330621	59.57	ng		0.01
7) Phenol-d6	6.32	99	377968	56.19	ng		-0.01
23) Nitrobenzene-d5	7.23	82	356004	52.34	ng		-0.01
41) 2,4,6-Tribromophenol	10.49	330	96775	47.91	ng		0.00
44) 2-Fluorobiphenyl	9.03	172	711933	56.62	ng		-0.01
78) Terphenyl-d14	12.76	244	683715	57.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	58774	21.79	ng	#	25
3) Pyridine	2.88	79	155001	24.34	ng		91
4) n-Nitrosodimethylamine	2.83	42	72560	26.91	ng	#	74
6) Aniline	6.33	93	132735	13.86	ng	#	23
8) 2-Chlorophenol	6.46	128	204834	31.18	ng		87
10) Phenol	6.33	94	207492	28.99	ng	#	56
11) bis(2-Chloroethyl)ether	6.41	93	179294	30.40	ng		85
12) 1,3-Dichlorobenzene	6.60	146	205445	29.15	ng		97
13) 1,4-Dichlorobenzene	6.68	146	213220	30.03	ng		98
14) 1,2-Dichlorobenzene	6.83	146	187811m	29.08	ng		
15) Benzyl Alcohol	6.82	79	134791	25.61	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	210243	26.38	ng		79
17) 2-Methylphenol	6.95	107	162871	30.57	ng		98
18) Hexachloroethane	7.18	117	76461	30.35	ng		93
19) n-Nitroso-di-n-propylamine	7.10	70	125064	29.06	ng	#	78
20) 3+4-Methylphenols	7.11	107	211746	34.06	ng	#	74
22) Acetophenone	7.08	105	259703	29.26	ng		98
24) Nitrobenzene	7.26	77	198290	30.10	ng		93
25) Isophorone	7.50	82	346228	27.48	ng		99
26) 2-Nitrophenol	7.58	139	109302	30.97	ng	#	81
27) 2,4-Dimethylphenol	7.62	122	166693	25.65	ng		93
28) bis(2-Chloroethoxy)methane	7.71	93	227132	29.07	ng	#	97
29) 2,4-Dichlorophenol	7.83	162	164860	30.39	ng		91
30) 1,2,4-Trichlorobenzene	7.90	180	166490	28.18	ng		99
31) Naphthalene	7.98	128	587696	29.90	ng		99
32) Benzoic acid	7.76	122	54116	15.12	ng		95
33) 4-Chloroaniline	8.03	127	102556	11.69	ng		95
34) Hexachlorobutadiene	8.09	225	86642	27.81	ng		98
35) Caprolactam	8.40	113	52544m	29.24	ng		
36) 4-Chloro-3-methylphenol	8.54	107	171992	29.64	ng		87
37) 2-Methylnaphthalene	8.66	142	361084	27.87	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	161543	28.82	ng	#	1
40) Hexachlorocyclopentadiene	8.82	237	74705	24.21	ng		97
42) 2,4,6-Trichlorophenol	8.96	196	96254	25.16	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.00	196	104890	26.36	ng		97
45) 1,1'-Biphenyl	9.13	154	471200	30.87	ng		98
46) 2-Chloronaphthalene	9.15	162	363488	29.36	ng		97
47) 2-Nitroaniline	9.26	65	100776	27.60	ng		87
48) Acenaphthylene	9.56	152	565991	28.75	ng		99
49) Dimethylphthalate	9.44	163	449616	32.45	ng		99
50) 2,6-Dinitrotoluene	9.50	165	89859	28.32	ng	#	62
51) Acenaphthene	9.74	154	340526	27.72	ng		98
52) 3-Nitroaniline	9.67	138	61496	16.79	ng		88
53) 2,4-Dinitrophenol	9.78	184	48928	34.06	ng		90
54) Dibenzofuran	9.91	168	470239	27.80	ng	#	91
55) 4-Nitrophenol	9.85	139	98752	34.75	ng		97
56) 2,4-Dinitrotoluene	9.91	165	118548	29.07	ng	#	79
57) Fluorene	10.25	166	400450	33.83	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	87425	27.95	ng	#	58
59) Diethylphthalate	10.14	149	448956	32.01	ng		98
60) 4-Chlorophenyl-phenylether	10.24	204	159137	28.29	ng		93
61) 4-Nitroaniline	10.28	138	107839	31.05	ng		89
62) Azobenzene	10.40	77	402797	29.04	ng		95
64) 4,6-Dinitro-2-methylphenol	10.31	198	45344	22.10	ng		89
65) n-Nitrosodiphenylamine	10.36	169	360648	31.24	ng		100
66) 4-Bromophenyl-phenylether	10.73	248	112662	30.18	ng		95
67) Hexachlorobenzene	10.79	284	108751	28.04	ng	#	88
68) Atrazine	10.89	200	100957	28.88	ng		91
69) Pentachlorophenol	10.99	266	67691	33.11	ng		96
70) Phenanthrene	11.20	178	550438	30.15	ng		99
71) Anthracene	11.26	178	580436	31.51	ng		99
72) Carbazole	11.42	167	553764	32.13	ng		99
73) Di-n-butylphthalate	11.75	149	664177	30.44	ng		99
74) Fluoranthene	12.39	202	596798	30.97	ng		97
76) Benzidine	12.51	184	200998	27.02	ng		98
77) Pyrene	12.62	202	589286	29.56	ng		98
79) Butylbenzylphthalate	13.23	149	274115	31.10	ng		86
80) Benzo(a)anthracene	13.79	228	432180	28.23	ng		99
81) 3,3'-Dichlorobenzidine	13.76	252	88811	21.57	ng	#	95
82) Chrysene	13.84	228	468644	32.53	ng		97
83) Bis(2-ethylhexyl)phthalate	13.79	149	342512	31.92	ng		99
84) Di-n-octyl phthalate	14.40	149	646619	37.08	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.47	276	374510	27.98	ng	#	100
87) Benzo(b)fluoranthene	14.80	252	399792m	25.64	ng		
88) Benzo(k)fluoranthene	14.83	252	418323m	35.56	ng		
89) Benzo(a)pyrene	15.12	252	391694	31.04	ng		98
90) Dibenzo(a,h)anthracene	16.47	278	316125	26.98	ng		96
91) Benzo(g,h,i)perylene	16.85	276	325477	27.00	ng		99

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

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