Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
Data File : BF088186.D
Acq On : 20 Jun 2016 22:20
Operator : UM/SJ
Sample : PB91400BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB91400BS

Manual Integrations APPROVED
sohil
6/21/2016 4:23:07 PM

Quant Time: Jun 21 01:37:44 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	90433	20.00	ng		-0.01
21) Naphthalene-d8	7.95	136	379176	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	183477	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	350019	20.00	ng		0.00
75) Chrysene-d12	13.81	240	263752	20.00	ng		0.00
86) Perylene-d12	15.18	264	228316	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	380552	71.94	ng		0.01
7) Phenol-d6	6.32	99	468666	73.10	ng		-0.01
23) Nitrobenzene-d5	7.24	82	432645	66.63	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	116187	59.97	ng		0.00
44) 2-Fluorobiphenyl	9.03	172	856192	72.49	ng		-0.01
78) Terphenyl-d14	12.76	244	819709	70.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	76211	29.65	ng	#	42
3) Pyridine	2.87	79	195124	32.15	ng		90
4) n-Nitrosodimethylamine	2.82	42	80841	31.45	ng		82
6) Aniline	6.33	93	153263	16.80	ng	#	39
8) 2-Chlorophenol	6.46	128	242060	38.66	ng		89
10) Phenol	6.34	94	262562	39.35	ng		97
11) bis(2-Chloroethyl)ether	6.41	93	211427	37.61	ng		88
12) 1,3-Dichlorobenzene	6.60	146	240188	35.75	ng		97
13) 1,4-Dichlorobenzene	6.68	146	250287	36.98	ng		99
14) 1,2-Dichlorobenzene	6.83	146	215212m	34.97	ng		
15) Benzyl Alcohol	6.82	79	154666	30.84	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.96	45	241921	31.85	ng		74
17) 2-Methylphenol	6.95	107	191114	37.64	ng		97
18) Hexachloroethane	7.18	117	89215	37.15	ng		93
19) n-Nitroso-di-n-propylamine	7.10	70	156486	38.16	ng	#	83
20) 3+4-Methylphenols	7.11	107	254911	43.03	ng	#	74
22) Acetophenone	7.08	105	306027	36.12	ng	#	98
24) Nitrobenzene	7.26	77	223771	35.58	ng		92
25) Isophorone	7.50	82	419634	34.89	ng		100
26) 2-Nitrophenol	7.58	139	131991	39.17	ng	#	85
27) 2,4-Dimethylphenol	7.62	122	208500	33.61	ng		95
28) bis(2-Chloroethoxy)methane	7.71	93	270056	36.20	ng	#	97
29) 2,4-Dichlorophenol	7.83	162	202959	39.18	ng		93
30) 1,2,4-Trichlorobenzene	7.90	180	199523	35.38	ng		98
31) Naphthalene	7.98	128	691230	36.84	ng		99
32) Benzoic acid	7.77	122	78056	22.85	ng		95
33) 4-Chloroaniline	8.03	127	113703	13.57	ng		95
34) Hexachlorobutadiene	8.09	225	102632	34.50	ng		98
35) Caprolactam	8.41	113	66880m	38.98	ng		
36) 4-Chloro-3-methylphenol	8.54	107	218251	39.40	ng		97
37) 2-Methylnaphthalene	8.66	142	446874	36.13	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	188018	37.14	ng	#	1
40) Hexachlorocyclopentadiene	8.82	237	105224	35.55	ng		98
42) 2,4,6-Trichlorophenol	8.96	196	120071	32.72	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.00	196	129677	33.97	ng		98
45) 1,1'-Biphenyl	9.13	154	547392	38.91	ng		98
46) 2-Chloronaphthalene	9.15	162	432037	36.39	ng		98
47) 2-Nitroaniline	9.26	65	118494	33.83	ng		90
48) Acenaphthylene	9.56	152	638886	33.83	ng		100
49) Dimethylphthalate	9.44	163	506277	38.09	ng		100
50) 2,6-Dinitrotoluene	9.51	165	113938	37.43	ng	#	79
51) Acenaphthene	9.74	154	399782	33.93	ng		100
52) 3-Nitroaniline	9.67	138	71415	20.33	ng		92
53) 2,4-Dinitrophenol	9.78	184	68752	46.71	ng		98
54) Dibenzofuran	9.91	168	537780	33.15	ng	#	90
55) 4-Nitrophenol	9.86	139	123518	45.31	ng	#	73
56) 2,4-Dinitrotoluene	9.91	165	147526	37.71	ng	#	67
57) Fluorene	10.25	166	460805	41.67	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	107864	35.96	ng	#	56
59) Diethylphthalate	10.14	149	539119	40.07	ng		100
60) 4-Chlorophenyl-phenylether	10.24	204	185550	34.39	ng		91
61) 4-Nitroaniline	10.28	138	127590	38.30	ng		98
62) Azobenzene	10.40	77	481935	36.23	ng		95
64) 4,6-Dinitro-2-methylphenol	10.32	198	61566	29.07	ng	#	59
65) n-Nitrosodiphenylamine	10.36	169	414728	35.71	ng		100
66) 4-Bromophenyl-phenylether	10.73	248	135876	36.18	ng		93
67) Hexachlorobenzene	10.80	284	135794	34.80	ng	#	71
68) Atrazine	10.90	200	135522	38.53	ng		98
69) Pentachlorophenol	10.99	266	90451	43.98	ng		98
70) Phenanthrene	11.20	178	672482	36.61	ng		100
71) Anthracene	11.26	178	670111	36.17	ng		100
72) Carbazole	11.42	167	650150	37.50	ng		100
73) Di-n-butylphthalate	11.75	149	781071	35.59	ng		100
74) Fluoranthene	12.39	202	719620	37.13	ng		97
76) Benzidine	12.51	184	245462	33.61	ng		98
77) Pyrene	12.62	202	726723	37.13	ng		99
79) Butylbenzylphthalate	13.23	149	332374	38.41	ng	#	84
80) Benzo(a)anthracene	13.79	228	530620	35.30	ng		99
81) 3,3'-Dichlorobenzidine	13.76	252	112228	27.77	ng	#	96
82) Chrysene	13.84	228	595487	42.11	ng		98
83) Bis(2-ethylhexyl)phthalate	13.79	149	412442	39.16	ng		99
84) Di-n-octyl phthalate	14.40	149	808965	47.26	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.47	276	467537	35.59	ng	#	100
87) Benzo(b)fluoranthene	14.80	252	681762m	42.84	ng		
88) Benzo(k)fluoranthene	14.83	252	368038m	30.66	ng		
89) Benzo(a)pyrene	15.13	252	496547	38.57	ng	#	95
90) Dibenzo(a,h)anthracene	16.48	278	393557	32.91	ng		96
91) Benzo(g,h,i)perylene	16.85	276	407251	33.11	ng		97

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

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