Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062116\
Data File : BF088235.D
Acq On : 22 Jun 2016 2:05
Operator : UM/SJ
Sample : PB91389BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB91389BS

Manual Integrations APPROVED
sohil
6/22/2016 6:08:04 PM

Quant Time: Jun 22 03:56:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 01:34:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	89912	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	356211	20.00	ng		0.00
38) Acenaphthene-d10	9.69	164	166581	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	298487	20.00	ng		0.00
75) Chrysene-d12	13.79	240	206791	20.00	ng		0.00
86) Perylene-d12	15.17	264	173055	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	638270	121.36	ng		0.01
7) Phenol-d6	6.31	99	766256	120.22	ng		0.00
23) Nitrobenzene-d5	7.22	82	456546	74.84	ng		-0.01
41) 2,4,6-Tribromophenol	10.48	330	170681	97.04	ng		0.00
44) 2-Fluorobiphenyl	9.02	172	841904	79.00	ng		0.00
78) Terphenyl-d14	12.75	244	788779	86.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	78121	30.57	ng	#	31
3) Pyridine	2.86	79	209684	34.75	ng		90
4) n-Nitrosodimethylamine	2.82	42	93321	36.52	ng	#	74
6) Aniline	6.32	93	193669	21.35	ng	#	29
8) 2-Chlorophenol	6.44	128	257470	41.36	ng		83
10) Phenol	6.33	94	264583	39.92	ng		98
11) bis(2-Chloroethyl)ether	6.40	93	255217	45.66	ng		86
12) 1,3-Dichlorobenzene	6.59	146	265491m	39.75	ng		
13) 1,4-Dichlorobenzene	6.67	146	268539	39.91	ng		95
14) 1,2-Dichlorobenzene	6.82	146	250431	40.93	ng		95
15) Benzyl Alcohol	6.81	79	174216	34.94	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	258932	34.29	ng		75
17) 2-Methylphenol	6.94	107	202853	40.18	ng	#	94
18) Hexachloroethane	7.15	117	97907	41.01	ng	#	82
19) n-Nitroso-di-n-propylamine	7.08	70	158944	38.98	ng	#	79
20) 3+4-Methylphenols	7.08	107	259988	44.14	ng	#	85
22) Acetophenone	7.07	105	342494	43.02	ng		97
24) Nitrobenzene	7.24	77	263936	44.67	ng		97
25) Isophorone	7.48	82	450716	39.89	ng		97
26) 2-Nitrophenol	7.56	139	144709	45.72	ng	#	74
27) 2,4-Dimethylphenol	7.61	122	235603	40.43	ng		94
28) bis(2-Chloroethoxy)methane	7.70	93	314459	44.87	ng		98
29) 2,4-Dichlorophenol	7.80	162	212283	43.63	ng		100
30) 1,2,4-Trichlorobenzene	7.88	180	222106	41.92	ng		97
31) Naphthalene	7.95	128	706522	40.08	ng		99
32) Benzoic acid	7.77	122	119809	37.33	ng		95
33) 4-Chloroaniline	8.02	127	138264	17.57	ng	#	91
34) Hexachlorobutadiene	8.08	225	117792	42.15	ng		99
35) Caprolactam	8.40	113	69226m	42.95	ng		
36) 4-Chloro-3-methylphenol	8.52	107	234175	45.00	ng		89
37) 2-Methylnaphthalene	8.65	142	499391	42.98	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	202918	47.82	ng	#	1
40) Hexachlorocyclopentadiene	8.80	237	118009	43.92	ng		98
42) 2,4,6-Trichlorophenol	8.94	196	132649	39.82	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.99	196	127316	36.74	ng		98
45) 1,1'-Biphenyl	9.12	154	608435	49.25	ng		96
46) 2-Chloronaphthalene	9.14	162	464289	43.07	ng		95
47) 2-Nitroaniline	9.24	65	131258	41.28	ng	#	86
48) Acenaphthylene	9.55	152	696786	40.64	ng		99
49) Dimethylphthalate	9.43	163	519393	43.04	ng		99
50) 2,6-Dinitrotoluene	9.48	165	115832	41.92	ng	#	59
51) Acenaphthene	9.72	154	426271	39.85	ng		99
52) 3-Nitroaniline	9.66	138	78077	24.48	ng		93
53) 2,4-Dinitrophenol	9.77	184	98960	68.04	ng		98
54) Dibenzofuran	9.90	168	595648	40.44	ng		91
55) 4-Nitrophenol	9.85	139	140841	56.91	ng	#	79
56) 2,4-Dinitrotoluene	9.90	165	142494	40.12	ng	#	57
57) Fluorene	10.24	166	498745	50.72	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	116038	42.60	ng	#	57
59) Diethylphthalate	10.12	149	508945	41.67	ng		99
60) 4-Chlorophenyl-phenylether	10.23	204	189559	38.70	ng		92
61) 4-Nitroaniline	10.27	138	118407	39.15	ng		97
62) Azobenzene	10.39	77	495816	41.05	ng		96
64) 4,6-Dinitro-2-methylphenol	10.31	198	78644	42.46	ng	#	68
65) n-Nitrosodiphenylamine	10.35	169	429101	43.32	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	135274	42.24	ng		96
67) Hexachlorobenzene	10.78	284	138690	41.68	ng		93
68) Atrazine	10.89	200	137945	45.99	ng		97
69) Pentachlorophenol	10.98	266	107710	61.41	ng		97
70) Phenanthrene	11.19	178	676294	43.18	ng		99
71) Anthracene	11.24	178	692357	43.82	ng		100
72) Carbazole	11.40	167	672585	45.49	ng		99
73) Di-n-butylphthalate	11.74	149	769589	41.12	ng		100
74) Fluoranthene	12.38	202	720219	43.57	ng		96
76) Benzidine	12.50	184	271536	47.42	ng		98
77) Pyrene	12.59	202	708943	46.20	ng		100
79) Butylbenzylphthalate	13.22	149	326380	48.11	ng		86
80) Benzo(a)anthracene	13.78	228	509074	43.20	ng		99
81) 3,3'-Dichlorobenzidine	13.75	252	110777	34.96	ng	#	96
82) Chrysene	13.83	228	544116	49.08	ng		97
83) Bis(2-ethylhexyl)phthalate	13.78	149	385446	46.67	ng		99
84) Di-n-octyl phthalate	14.39	149	702230	52.33	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.45	276	469322	45.56	ng	#	100
87) Benzo(b)fluoranthene	14.79	252	452003m	37.47	ng		
88) Benzo(k)fluoranthene	14.82	252	473630m	52.05	ng		
89) Benzo(a)pyrene	15.11	252	454995	46.62	ng		98
90) Dibenzo(a,h)anthracene	16.46	278	390168	43.05	ng		99
91) Benzo(g,h,i)perylene	16.83	276	409261	43.90	ng		99

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

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