Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062116\
Data File : BF088231.D
Acq On : 22 Jun 2016 00:08
Operator : UM/SJ
Sample : PB91509BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB91509BS

Manual Integrations APPROVED
sohil
6/22/2016 6:07:49 PM

Quant Time: Jun 22 01:37:17 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	85537	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	334694	20.00	ng		-0.01
38) Acenaphthene-d10	9.69	164	161791	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	287314	20.00	ng		0.00
75) Chrysene-d12	13.79	240	226337	20.00	ng		0.00
86) Perylene-d12	15.17	264	181030	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	475129	94.96	ng		0.00
7) Phenol-d6	6.31	99	545039	89.88	ng		0.00
23) Nitrobenzene-d5	7.22	82	347457	60.62	ng		-0.01
41) 2,4,6-Tribromophenol	10.48	330	139053	81.40	ng		0.00
44) 2-Fluorobiphenyl	9.02	172	693810	66.14	ng		0.00
78) Terphenyl-d14	12.74	244	579742	58.29	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	64043	26.34	ng	#	30
3) Pyridine	2.86	79	143281	24.96	ng		90
4) n-Nitrosodimethylamine	2.80	42	64153	26.39	ng		80
6) Aniline	6.32	93	118838	13.77	ng	#	1
8) 2-Chlorophenol	6.43	128	184906	31.22	ng		99
10) Phenol	6.32	94	224003	35.24	ng		82
11) bis(2-Chloroethyl)ether	6.40	93	175023	32.92	ng	#	82
12) 1,3-Dichlorobenzene	6.59	146	191717m	30.17	ng		
13) 1,4-Dichlorobenzene	6.66	146	193775	30.27	ng		95
14) 1,2-Dichlorobenzene	6.82	146	184271	31.65	ng		96
15) Benzyl Alcohol	6.81	79	130382	27.48	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.94	45	186809	26.00	ng	#	41
17) 2-Methylphenol	6.92	107	142028	29.57	ng		97
18) Hexachloroethane	7.15	117	69508	30.60	ng	#	83
19) n-Nitroso-di-n-propylamine	7.07	70	113730	29.32	ng	#	87
20) 3+4-Methylphenols	7.08	107	193942	34.61	ng	#	79
22) Acetophenone	7.07	105	251449	33.62	ng	#	96
24) Nitrobenzene	7.24	77	176380	31.77	ng		94
25) Isophorone	7.48	82	330166	31.10	ng		94
26) 2-Nitrophenol	7.55	139	98295	33.05	ng		98
27) 2,4-Dimethylphenol	7.61	122	172673	31.53	ng		97
28) bis(2-Chloroethoxy)methane	7.70	93	214659	32.60	ng		98
29) 2,4-Dichlorophenol	7.80	162	157639	34.48	ng		98
30) 1,2,4-Trichlorobenzene	7.88	180	158180	31.77	ng		97
31) Naphthalene	7.95	128	518202	31.29	ng		99
32) Benzoic acid	7.75	122	76207	25.27	ng		93
33) 4-Chloroaniline	8.02	127	75308	10.18	ng	#	91
34) Hexachlorobutadiene	8.08	225	84668	32.25	ng		98
35) Caprolactam	8.39	113	48692m	32.15	ng		
36) 4-Chloro-3-methylphenol	8.51	107	153444	31.38	ng		97
37) 2-Methylnaphthalene	8.65	142	361357	33.10	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	140756	29.93	ng	#	1
40) Hexachlorocyclopentadiene	8.80	237	73443	28.14	ng		99
42) 2,4,6-Trichlorophenol	8.94	196	93410	28.87	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.98	196	91595	27.21	ng	#	81
45) 1,1'-Biphenyl	9.12	154	415553	32.49	ng		95
46) 2-Chloronaphthalene	9.14	162	326759	31.21	ng	#	92
47) 2-Nitroaniline	9.24	65	94236	30.51	ng	#	65
48) Acenaphthylene	9.55	152	507364	30.47	ng		98
49) Dimethylphthalate	9.43	163	386452	32.97	ng		98
50) 2,6-Dinitrotoluene	9.48	165	86909	32.38	ng	#	79
51) Acenaphthene	9.71	154	290215	27.94	ng		98
52) 3-Nitroaniline	9.66	138	44993	14.53	ng		81
53) 2,4-Dinitrophenol	9.77	184	66283	50.27	ng	#	84
54) Dibenzofuran	9.90	168	441502	30.86	ng		96
55) 4-Nitrophenol	9.84	139	90912	37.82	ng		95
56) 2,4-Dinitrotoluene	9.90	165	106599	30.90	ng	#	88
57) Fluorene	10.24	166	344500	34.51	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	80164	30.30	ng	#	57
59) Diethylphthalate	10.12	149	385459	32.49	ng		98
60) 4-Chlorophenyl-phenylether	10.23	204	148958	31.31	ng		97
61) 4-Nitroaniline	10.27	138	90594	30.84	ng		87
62) Azobenzene	10.39	77	367077	31.29	ng		97
64) 4,6-Dinitro-2-methylphenol	10.30	198	53318	30.55	ng		88
65) n-Nitrosodiphenylamine	10.35	169	329184	34.53	ng		100
66) 4-Bromophenyl-phenylether	10.72	248	98951	32.10	ng		93
67) Hexachlorobenzene	10.78	284	99657	31.12	ng		99
68) Atrazine	10.88	200	83642	28.97	ng		91
69) Pentachlorophenol	10.98	266	74345	44.04	ng		96
70) Phenanthrene	11.19	178	491439	32.60	ng		99
71) Anthracene	11.24	178	525186	34.53	ng		99
72) Carbazole	11.40	167	502696	35.32	ng		98
73) Di-n-butylphthalate	11.74	149	587485	32.61	ng		99
74) Fluoranthene	12.38	202	527399	33.15	ng		94
76) Benzidine	12.50	184	188498	30.08	ng		98
77) Pyrene	12.59	202	497058	29.59	ng		99
79) Butylbenzylphthalate	13.22	149	245542	33.07	ng		90
80) Benzo(a)anthracene	13.78	228	385609	29.90	ng		99
81) 3,3'-Dichlorobenzidine	13.75	252	73577	21.21	ng	#	96
82) Chrysene	13.82	228	409430	33.74	ng		97
83) Bis(2-ethylhexyl)phthalate	13.78	149	292018	32.31	ng		99
84) Di-n-octyl phthalate	14.39	149	529051	36.02	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.45	276	326003	28.92	ng	#	100
87) Benzo(b)fluoranthene	14.79	252	352361m	27.93	ng		
88) Benzo(k)fluoranthene	14.81	252	362888m	38.13	ng		
89) Benzo(a)pyrene	15.11	252	335722	32.89	ng		99
90) Dibenzo(a,h)anthracene	16.46	278	273811	28.88	ng		97
91) Benzo(g,h,i)perylene	16.82	276	283205	29.04	ng		97

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

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