Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087625.D
Acq On : 1 Jun 2016 19:43
Operator : UM/SJ
Sample : PB91016BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91016BSD

Manual Integrations APPROVED
sohil
6/2/2016 5:28:26 PM

Quant Time: Jun 02 13:32:50 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 02:13:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	103254	20.00	ng		0.00
21) Naphthalene-d8	9.45	136	426048	20.00	ng		-0.01
38) Acenaphthene-d10	12.27	164	202196	20.00	ng		-0.01
63) Phenanthrene-d10	14.69	188	394095	20.00	ng		0.00
75) Chrysene-d12	18.40	240	320109	20.00	ng		0.00
86) Perylene-d12	20.09	264	227564	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	793035	134.96	ng		0.02
7) Phenol-d6	6.99	99	990578	124.76	ng		-0.01
23) Nitrobenzene-d5	8.34	82	692023	81.86	ng		-0.02
41) 2,4,6-Tribromophenol	13.58	330	249895	128.61	ng		-0.01
44) 2-Fluorobiphenyl	11.22	172	1169908	81.57	ng		-0.01
78) Terphenyl-d14	17.04	244	1103181	73.27	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.83	88	89582	28.89	ng	#	58
3) Pyridine	2.40	79	263271m	38.84	ng		
4) n-Nitrosodimethylamine	2.38	42	184043	35.24	ng	#	47
6) Aniline	6.94	93	279043	27.17	ng		92
8) 2-Chlorophenol	7.11	128	303336	41.39	ng		92
9) Benzaldehyde	6.83	77	22062	5.03	ng		98
10) Phenol	7.00	94	378481	43.65	ng	#	67
11) bis(2-Chloroethyl)ether	7.06	93	282305	40.23	ng		84
12) 1,3-Dichlorobenzene	7.31	146	298730	37.37	ng	#	92
13) 1,4-Dichlorobenzene	7.44	146	321392	39.17	ng	#	92
14) 1,2-Dichlorobenzene	7.68	146	302303	39.83	ng		99
15) Benzyl Alcohol	7.74	79	277815	47.99	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.92	45	567140	35.92	ng		87
17) 2-Methylphenol	7.95	107	244513	41.64	ng	#	89
18) Hexachloroethane	8.18	117	122898	40.15	ng		99
19) n-Nitroso-di-n-propylamine	8.15	70	242889	41.02	ng	#	73
20) 3+4-Methylphenols	8.23	107	344713	48.55	ng	#	62
22) Acetophenone	8.11	105	418412	41.11	ng	#	97
24) Nitrobenzene	8.38	77	347600	38.95	ng		98
25) Isophorone	8.76	82	605803	39.96	ng		98
26) 2-Nitrophenol	8.88	139	154149	42.26	ng	#	61
27) 2,4-Dimethylphenol	9.03	122	268636	42.43	ng		87
28) bis(2-Chloroethoxy)methane	9.14	93	361277	42.31	ng		98
29) 2,4-Dichlorophenol	9.31	162	244638	42.87	ng		98
30) 1,2,4-Trichlorobenzene	9.38	180	261253	39.99	ng		98
31) Naphthalene	9.48	128	864843	40.51	ng		99
32) Benzoic acid	9.39	122	115375	36.91	ng	#	79
33) 4-Chloroaniline	9.67	127	161083	20.49	ng	#	93
34) Hexachlorobutadiene	9.69	225	153047	38.54	ng		96
35) Caprolactam	10.27	113	77241m	46.38	ng		
36) 4-Chloro-3-methylphenol	10.52	107	279938	43.39	ng		96
37) 2-Methylnaphthalene	10.62	142	567137	42.52	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.89	216	249269	38.51	ng		99
40) Hexachlorocyclopentadiene	10.86	237	122236	49.93	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.13	196	156056	41.77	ng		97
43) 2,4,5-Trichlorophenol	11.22	196	139726	36.73	ng	#	84
45) 1,1'-Biphenyl	11.38	154	712571	41.86	ng		98
46) 2-Chloronaphthalene	11.39	162	521832	40.07	ng		93
47) 2-Nitroaniline	11.63	65	218654	46.60	ng		88
48) Acenaphthylene	12.05	152	824969	40.01	ng		98
49) Dimethylphthalate	11.94	163	653531	40.35	ng		99
50) 2,6-Dinitrotoluene	12.03	165	131607	40.32	ng	#	59
51) Acenaphthene	12.33	154	511947	40.40	ng		97
52) 3-Nitroaniline	12.33	138	86376	25.79	ng		89
53) 2,4-Dinitrophenol	12.54	184	108913	66.41	ng	#	83
54) Dibenzofuran	12.62	168	769442	44.84	ng		93
55) 4-Nitrophenol	12.74	139	133595	83.61	ng	#	58
56) 2,4-Dinitrotoluene	12.71	165	193287	44.31	ng		93
57) Fluorene	13.18	166	618527	41.57	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.87	232	136208	46.54	ng		98
59) Diethylphthalate	13.09	149	640087	40.65	ng		99
60) 4-Chlorophenyl-phenylether	13.20	204	285406	39.33	ng		91
61) 4-Nitroaniline	13.33	138	130573	41.77	ng	#	67
62) Azobenzene	13.45	77	786520	48.14	ng		84
64) 4,6-Dinitro-2-methylphenol	13.38	198	84744	33.82	ng	#	69
65) n-Nitrosodiphenylamine	13.42	169	526832	41.34	ng		99
66) 4-Bromophenyl-phenylether	13.98	248	165760	38.45	ng		94
67) Hexachlorobenzene	14.06	284	178667	39.62	ng	#	79
68) Atrazine	14.34	200	171693	42.26	ng		93
69) Pentachlorophenol	14.43	266	91663	66.54	ng		94
70) Phenanthrene	14.72	178	908854	41.63	ng		99
71) Anthracene	14.80	178	914297	41.46	ng		99
72) Carbazole	15.11	167	825930	43.91	ng		99
73) Di-n-butylphthalate	15.67	149	976442	40.14	ng	#	98
74) Fluoranthene	16.49	202	924388	42.23	ng		96
76) Benzidine	16.73	184	366182	44.46	ng		96
77) Pyrene	16.80	202	940685	40.82	ng		99
79) Butylbenzylphthalate	17.70	149	394153	38.57	ng	#	73
80) Benzo(a)anthracene	18.39	228	773390	42.47	ng		99
81) 3,3'-Dichlorobenzidine	18.38	252	134529	13.37	ng		99
82) Chrysene	18.43	228	736417	40.75	ng		100
83) Bis(2-ethylhexyl)phthalate	18.45	149	538944	36.15	ng		96
84) Di-n-octyl phthalate	19.21	149	894470	39.34	ng	#	88
85) Indeno(1,2,3-cd)pyrene	21.29	276	503986	34.79	ng		94
87) Benzo(b)fluoranthene	19.67	252	535939m	36.97	ng		
88) Benzo(k)fluoranthene	19.69	252	638078m	51.14	ng		
89) Benzo(a)pyrene	20.02	252	526485	41.99	ng		99
90) Dibenzo(a,h)anthracene	21.28	278	425960	39.83	ng	#	94
91) Benzo(g,h,i)perylene	21.65	276	404524	38.34	ng	#	92

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

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