Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086221.D
Acq On : 15 Apr 2016 17:25
Operator : UM/SJ
Sample : PB89820BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB89820BS

Manual Integrations APPROVED
Sohil
4/18/2016 7:29:46 PM

Quant Time: Apr 16 00:46:19 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 15:56:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	271432	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1103034	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	523779	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	910212	20.00	ng		0.00
75) Chrysene-d12	14.05	240	573523	20.00	ng		0.00
86) Perylene-d12	15.48	264	484648	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1783967	107.69	ng		0.01
7) Phenol-d6	6.52	99	2167060	104.58	ng		0.00
23) Nitrobenzene-d5	7.46	82	1509486	78.93	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	447159	106.32	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	2344264	82.59	ng		0.00
78) Terphenyl-d14	13.00	244	1744704	76.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	304804	33.36	ng		98
3) Pyridine	3.32	79	936476	39.31	ng		96
4) n-Nitrosodimethylamine	3.26	42	352263	40.93	ng	#	72
6) Aniline	6.56	93	444339	14.88	ng		95
8) 2-Chlorophenol	6.68	128	720330	38.44	ng	#	79
9) Benzaldehyde	6.44	77	229833	15.63	ng		89
10) Phenol	6.53	94	977476	39.61	ng		99
11) bis(2-Chloroethyl)ether	6.64	93	746353	40.20	ng		99
12) 1,3-Dichlorobenzene	6.83	146	728389	36.63	ng		99
13) 1,4-Dichlorobenzene	6.91	146	720224	38.02	ng		99
14) 1,2-Dichlorobenzene	7.07	146	674311	40.10	ng		99
15) Benzyl Alcohol	7.04	79	651884	44.35	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1121370	38.77	ng		100
17) 2-Methylphenol	7.15	107	680982	43.61	ng		94
18) Hexachloroethane	7.41	117	289966	40.58	ng		96
19) n-Nitroso-di-n-propylamine	7.31	70	470874	35.51	ng	#	87
20) 3+4-Methylphenols	7.30	107	656449	37.53	ng		94
22) Acetophenone	7.31	105	923609	44.83	ng	#	94
24) Nitrobenzene	7.48	77	856014	40.94	ng		91
25) Isophorone	7.72	82	1545102	40.72	ng		99
26) 2-Nitrophenol	7.79	139	371478	40.75	ng		93
27) 2,4-Dimethylphenol	7.84	122	772610	41.97	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	889027	39.85	ng		100
29) 2,4-Dichlorophenol	8.03	162	566839	40.50	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	580065	39.60	ng		99
31) Naphthalene	8.20	128	2013292	40.87	ng		100
32) Benzoic acid	7.94	122	481444	40.91	ng		96
33) 4-Chloroaniline	8.25	127	168134	7.64	ng		94
34) Hexachlorobutadiene	8.33	225	301173	41.04	ng		99
35) Caprolactam	8.61	113	212919	42.01	ng	#	56
36) 4-Chloro-3-methylphenol	8.73	107	653370	40.28	ng		95
37) 2-Methylnaphthalene	8.90	142	1395436	43.81	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	423808	36.83	ng		97
40) Hexachlorocyclopentadiene	9.05	237	474226	76.81	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	413971	40.12	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	388298	38.96	ng	#	90
45) 1,1'-Biphenyl	9.36	154	1444156	38.30	ng		100
46) 2-Chloronaphthalene	9.38	162	1154947	37.52	ng		99
47) 2-Nitroaniline	9.47	65	391084	39.22	ng		96
48) Acenaphthylene	9.80	152	2055353	41.96	ng		99
49) Dimethylphthalate	9.66	163	1530191	40.18	ng		99
50) 2,6-Dinitrotoluene	9.72	165	363842	43.18	ng		96
51) Acenaphthene	9.97	154	1298717	44.38	ng		100
52) 3-Nitroaniline	9.88	138	145186	14.18	ng		85
53) 2,4-Dinitrophenol	9.98	184	236450	76.02	ng		91
54) Dibenzofuran	10.14	168	1735149	44.90	ng		96
55) 4-Nitrophenol	10.04	139	627259	78.30	ng		90
56) 2,4-Dinitrotoluene	10.12	165	480161	44.51	ng	#	84
57) Fluorene	10.49	166	1135505	42.82	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	312352	43.15	ng		99
59) Diethylphthalate	10.36	149	1431204	36.41	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	458855	40.78	ng		96
61) 4-Nitroaniline	10.50	138	359650	40.64	ng		89
62) Azobenzene	10.64	77	1627068	42.30	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	174950	40.39	ng		93
65) n-Nitrosodiphenylamine	10.59	169	1119912	40.18	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	331884	39.12	ng		90
67) Hexachlorobenzene	11.02	284	360208	40.52	ng		96
68) Atrazine	11.13	200	368013	43.08	ng		93
69) Pentachlorophenol	11.22	266	364309	67.58	ng		97
70) Phenanthrene	11.45	178	1850117	42.56	ng		99
71) Anthracene	11.49	178	1664159	38.32	ng		100
72) Carbazole	11.64	167	1656146	40.06	ng		100
73) Di-n-butylphthalate	11.98	149	2056487	36.79	ng		100
74) Fluoranthene	12.63	202	1636854	43.56	ng		98
76) Benzidine	12.75	184	405730	18.24	ng		97
77) Pyrene	12.85	202	1661932	37.77	ng		99
79) Butylbenzylphthalate	13.48	149	905139	44.53	ng		88
80) Benzo(a)anthracene	14.04	228	1277864	40.59	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	172313	9.44	ng	#	95
82) Chrysene	14.08	228	1166514	34.75	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	881858	40.18	ng	#	98
84) Di-n-octyl phthalate	14.66	149	1922432	45.44	ng		97
85) Indeno(1,2,3-cd)pyrene	16.90	276	1161565	42.09	ng		96
87) Benzo(b)fluoranthene	15.07	252	1487013m	49.73	ng		
88) Benzo(k)fluoranthene	15.11	252	824965m	30.26	ng		
89) Benzo(a)pyrene	15.43	252	1090669	42.11	ng		98
90) Dibenzo(a,h)anthracene	16.92	278	969747	42.37	ng		99
91) Benzo(g,h,i)perylene	17.32	276	1023409	42.05	ng		95

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

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