Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011415\
Data File : BF076865.D
Acq On : 14 Jan 2015 18:18
Operator : IZ / TP
Sample : PB81310BSD
Misc : W DOD
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB81310BSD

Manual Integrations APPROVED
tejaskumar
1/15/2015 2:28:21 PM

Quant Time: Jan 15 00:09:12 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 14 23:27:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	31054	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	124153	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	68055	20.00	ng		-0.01
63) Phenanthrene-d10	17.82	188	115022	20.00	ng		0.00
75) Chrysene-d12	21.31	240	110601	20.00	ng		0.00
86) Perylene-d12	22.99	264	98824	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	248364	131.50	ng		0.01
7) Phenol-d6	7.42	99	307806	129.19	ng		0.00
23) Nitrobenzene-d5	9.32	82	189381	84.51	ng		0.00
41) 2,4,6-Tribromophenol	16.72	330	77914	141.04	ng		0.00
44) 2-Fluorobiphenyl	13.59	172	395283	88.39	ng		0.00
78) Terphenyl-d14	20.04	244	420071	87.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.34	88	25126	31.07	ng		100
3) Pyridine	1.83	79	77840	37.20	ng		92
4) n-Nitrosodimethylamine	1.78	42	40204	38.78	ng		98
6) Aniline	7.30	93	79758	24.19	ng		97
8) 2-Chlorophenol	7.56	128	83765	38.47	ng		93
9) Benzaldehyde	7.03	77	32849	22.15	ng		98
10) Phenol	7.44	94	99332	39.26	ng		90
11) bis(2-Chloroethyl)ether	7.56	93	78551	39.68	ng		94
12) 1,3-Dichlorobenzene	7.88	146	94474	38.14	ng		93
13) 1,4-Dichlorobenzene	8.06	146	96950	36.91	ng		97
14) 1,2-Dichlorobenzene	8.38	146	90761	37.50	ng		95
15) Benzyl Alcohol	8.45	79	76117	39.48	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.80	45	101972	38.32	ng		95
17) 2-Methylphenol	8.79	107	68207	38.33	ng		97
18) Hexachloroethane	9.12	117	35889	39.28	ng		98
19) n-Nitroso-di-n-propylamine	9.08	70	61849	37.08	ng		99
20) 3+4-Methylphenols	9.18	107	86581	36.75	ng		93
22) Acetophenone	9.01	105	125049	41.12	ng		96
24) Nitrobenzene	9.36	77	95330	41.76	ng		99
25) Isophorone	9.96	82	164805	40.38	ng		95
26) 2-Nitrophenol	10.09	139	44925	38.23	ng	#	85
27) 2,4-Dimethylphenol	10.37	122	73788	41.80	ng		98
28) bis(2-Chloroethoxy)methane	10.57	93	98809	42.60	ng		98
29) 2,4-Dichlorophenol	10.70	162	72440	44.03	ng		93
30) 1,2,4-Trichlorobenzene	10.84	180	74428	40.73	ng		96
31) Naphthalene	10.97	128	251732	39.38	ng		98
32) Benzoic acid	10.72	122	41357m	42.28	ng		
33) 4-Chloroaniline	11.21	127	65759	25.46	ng		97
34) Hexachlorobutadiene	11.34	225	42193	38.91	ng		95
35) Caprolactam	12.05	113	18600	38.40	ng	#	78
36) 4-Chloro-3-methylphenol	12.52	107	79518	42.21	ng		97
37) 2-Methylnaphthalene	12.63	142	179884	41.21	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	71255	42.35	ng		98
40) Hexachlorocyclopentadiene	13.03	237	78123	88.63	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	48006	39.16	ng		93
43) 2,4,5-Trichlorophenol	13.47	196	50787	40.62	ng	#	90
45) 1,1'-Biphenyl	13.79	154	208289	41.29	ng		98
46) 2-Chloronaphthalene	13.76	162	168361	40.55	ng		98
47) 2-Nitroaniline	14.11	65	52478	41.67	ng		89
48) Acenaphthylene	14.72	152	272337	38.89	ng		98
49) Dimethylphthalate	14.65	163	203294	42.12	ng		98
50) 2,6-Dinitrotoluene	14.76	165	42531	44.11	ng		94
51) Acenaphthene	15.15	154	154591	38.91	ng		96
52) 3-Nitroaniline	15.10	138	36451	28.79	ng	#	80
53) 2,4-Dinitrophenol	15.39	184	34744	82.92	ng		93
54) Dibenzofuran	15.57	168	243990	42.16	ng		98
55) 4-Nitrophenol	15.68	139	61315	81.05	ng		99
56) 2,4-Dinitrotoluene	15.68	165	60789	41.79	ng	#	87
57) Fluorene	16.28	166	198006	40.38	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.89	232	36562	40.16	ng	#	91
59) Diethylphthalate	16.27	149	215750	44.23	ng		99
60) 4-Chlorophenyl-phenylether	16.36	204	86735	43.23	ng		94
61) 4-Nitroaniline	16.40	138	42948	35.19	ng		88
62) Azobenzene	16.64	77	213524	42.01	ng		98
64) 4,6-Dinitro-2-methylphenol	16.47	198	27282	36.55	ng	#	73
65) n-Nitrosodiphenylamine	16.60	169	166731	40.65	ng		99
66) 4-Bromophenyl-phenylether	17.19	248	49110	42.14	ng		93
67) Hexachlorobenzene	17.21	284	52610	42.84	ng		94
68) Atrazine	17.56	200	62707	50.39	ng		98
69) Pentachlorophenol	17.57	266	45386	83.99	ng		97
70) Phenanthrene	17.85	178	284935	39.72	ng		99
71) Anthracene	17.92	178	284916	40.73	ng		99
72) Carbazole	18.21	167	272798	40.21	ng		99
73) Di-n-butylphthalate	18.79	149	349685	44.53	ng		97
74) Fluoranthene	19.49	202	296122	40.29	ng		100
76) Benzidine	19.72	184	163775	46.28	ng		99
77) Pyrene	19.77	202	317317	41.86	ng		99
79) Butylbenzylphthalate	20.70	149	161552	47.06	ng		97
80) Benzo(a)anthracene	21.29	228	283538	40.86	ng		99
81) 3,3'-Dichlorobenzidine	21.31	252	52527	23.82	ng		99
82) Chrysene	21.34	228	267711	42.30	ng		99
83) Bis(2-ethylhexyl)phthalate	21.44	149	229670	48.35	ng		100
84) Di-n-octyl phthalate	22.21	149	398171	48.30	ng		100
85) Indeno(1,2,3-cd)pyrene	24.13	276	273998	40.86	ng	#	84
87) Benzo(b)fluoranthene	22.56	252	261131	39.23	ng	#	97
88) Benzo(k)fluoranthene	22.60	252	265166m	45.60	ng		
89) Benzo(a)pyrene	22.92	252	250598	42.68	ng	#	95
90) Dibenzo(a,h)anthracene	24.15	278	224215	41.62	ng	#	94
91) Benzo(g,h,i)perylene	24.43	276	224406	41.90	ng	#	92

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

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