Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
Data File : BF077804.D
Acq On : 18 Mar 2015 19:12
Operator : TP/IZ
Sample : PB82152BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB82152BSD

Manual Integrations APPROVED
mohammad
3/20/2015 1:48:22 PM

Quant Time: Mar 19 03:57:37 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 02:09:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	39592	20.00	ng		0.00
21) Naphthalene-d8	8.74	136	160684	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	81091	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	160000	20.00	ng		0.00
75) Chrysene-d12	16.04	240	169205	20.00	ng		-0.09
86) Perylene-d12	17.85	264	158959	20.00	ng		-0.25
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	287014	126.54	ng		0.01
7) Phenol-d6	6.73	99	371326	132.50	ng		0.00
23) Nitrobenzene-d5	7.86	82	203376	82.97	ng		0.00
41) 2,4,6-Tribromophenol	11.88	330	93318	120.28	ng		-0.01
44) 2-Fluorobiphenyl	10.09	172	463245	83.95	ng		0.00
78) Terphenyl-d14	14.74	244	539676	77.91	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	29373	28.52	ng	#	100
3) Pyridine	2.75	79	94935	34.31	ng		98
4) n-Nitrosodimethylamine	2.68	42	36976	30.69	ng		99
6) Aniline	6.75	93	80491	20.08	ng	#	71
8) 2-Chlorophenol	6.89	128	109946	40.72	ng		99
9) Benzaldehyde	6.60	77	7172	6.25	ng		93
10) Phenol	6.74	94	130428	39.37	ng		90
11) bis(2-Chloroethyl)ether	6.85	93	100909	40.67	ng		97
12) 1,3-Dichlorobenzene	7.08	146	111388	37.09	ng		99
13) 1,4-Dichlorobenzene	7.18	146	111707	35.80	ng		98
14) 1,2-Dichlorobenzene	7.37	146	106469	37.22	ng		100
15) Benzyl Alcohol	7.34	79	84251	38.51	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.53	45	126908	37.95	ng		99
17) 2-Methylphenol	7.49	107	88455	40.24	ng		98
18) Hexachloroethane	7.78	117	37963	37.10	ng		96
19) n-Nitroso-di-n-propylamine	7.68	70	70738	36.49	ng		99
20) 3+4-Methylphenols	7.69	107	111560	38.68	ng		97
22) Acetophenone	7.66	105	141123	39.67	ng	#	99
24) Nitrobenzene	7.88	77	101535	38.45	ng	#	76
25) Isophorone	8.18	82	192715	38.93	ng		100
26) 2-Nitrophenol	8.27	139	51527	39.85	ng		96
27) 2,4-Dimethylphenol	8.34	122	100142	42.52	ng		97
28) bis(2-Chloroethoxy)methane	8.46	93	120520	40.11	ng		99
29) 2,4-Dichlorophenol	8.57	162	93753	41.76	ng		97
30) 1,2,4-Trichlorobenzene	8.67	180	93795	37.34	ng		98
31) Naphthalene	8.76	128	312597	37.88	ng		99
32) Benzoic acid	8.45	122	39683	31.35	ng		95
33) 4-Chloroaniline	8.84	127	79950	23.87	ng		99
34) Hexachlorobutadiene	8.92	225	51753	36.35	ng		98
35) Caprolactam	9.26	113	29317	44.68	ng	#	81
36) 4-Chloro-3-methylphenol	9.45	107	93628	41.45	ng		88
37) 2-Methylnaphthalene	9.62	142	223724	40.35	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	95734	39.58	ng	#	100
40) Hexachlorocyclopentadiene	9.81	237	85792	71.22	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	63136	37.68	ng		97
43) 2,4,5-Trichlorophenol	10.02	196	73176	40.43	ng	#	88
45) 1,1'-Biphenyl	10.20	154	258647	39.90	ng		98
46) 2-Chloronaphthalene	10.22	162	210018	39.87	ng		97
47) 2-Nitroaniline	10.35	65	54868	41.94	ng	#	83
48) Acenaphthylene	10.73	152	323978	36.98	ng		100
49) Dimethylphthalate	10.59	163	239696	39.85	ng		99
50) 2,6-Dinitrotoluene	10.67	165	51580	41.37	ng	#	72
51) Acenaphthene	10.95	154	187302	37.29	ng		100
52) 3-Nitroaniline	10.87	138	45053	31.12	ng		86
53) 2,4-Dinitrophenol	11.00	184	35639	78.03	ng	#	75
54) Dibenzofuran	11.16	168	296292	39.77	ng		95
55) 4-Nitrophenol	11.08	139	83856	78.18	ng	#	72
56) 2,4-Dinitrotoluene	11.16	165	71889	44.22	ng	#	76
57) Fluorene	11.59	166	241354	39.02	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	57178	41.03	ng	#	100
59) Diethylphthalate	11.47	149	235539	40.19	ng		97
60) 4-Chlorophenyl-phenylether	11.60	204	111204	39.39	ng		95
61) 4-Nitroaniline	11.62	138	58714	40.69	ng		84
62) Azobenzene	11.79	77	221432	39.54	ng		94
64) 4,6-Dinitro-2-methylphenol	11.67	198	24864	34.26	ng	#	70
65) n-Nitrosodiphenylamine	11.75	169	214190	40.20	ng		99
66) 4-Bromophenyl-phenylether	12.20	248	67498	39.53	ng	#	93
67) Hexachlorobenzene	12.26	284	71910	38.33	ng		93
68) Atrazine	12.42	200	63482	42.52	ng		94
69) Pentachlorophenol	12.51	266	75702	77.15	ng		98
70) Phenanthrene	12.77	178	359674	39.16	ng		99
71) Anthracene	12.84	178	365548	40.28	ng		99
72) Carbazole	13.05	167	356277	41.27	ng		98
73) Di-n-butylphthalate	13.51	149	370160	38.24	ng		99
74) Fluoranthene	14.25	202	391608	38.65	ng		96
76) Benzidine	14.43	184	153256	36.58	ng		98
77) Pyrene	14.52	202	414358	38.94	ng		99
79) Butylbenzylphthalate	15.37	149	164930	39.31	ng		96
80) Benzo(a)anthracene	16.03	228	385566	38.44	ng		100
81) 3,3'-Dichlorobenzidine	16.02	252	83782	25.32	ng	#	99
82) Chrysene	16.08	228	378630	41.98	ng		99
83) Bis(2-ethylhexyl)phthalate	16.11	149	230115	36.21	ng		99
84) Di-n-octyl phthalate	16.93	149	379407	34.92	ng		99
85) Indeno(1,2,3-cd)pyrene	19.27	276	407070	36.16	ng	#	100
87) Benzo(b)fluoranthene	17.39	252	366039	35.27	ng	#	96
88) Benzo(k)fluoranthene	17.43	252	380224m	46.91	ng		
89) Benzo(a)pyrene	17.79	252	372467	43.02	ng		99
90) Dibenzo(a,h)anthracene	19.30	278	340045	39.60	ng		98
91) Benzo(g,h,i)perylene	19.68	276	352930	40.37	ng		99

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

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