Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
Data File : BF077815.D
Acq On : 19 Mar 2015 2:22
Operator : TP/IZ
Sample : PB82167BSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB82167BSD

Manual Integrations APPROVED
mohammad
3/20/2015 1:48:37 PM

Quant Time: Mar 19 04:48:35 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 04:21:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	37831	20.00	ng		0.00
21) Naphthalene-d8	8.74	136	149712	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	74293	20.00	ng		0.00
63) Phenanthrene-d10	12.74	188	144124	20.00	ng		0.00
75) Chrysene-d12	16.03	240	166055	20.00	ng		0.00
86) Perylene-d12	17.78	264	164967	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	275362	127.05	ng		0.01
7) Phenol-d6	6.73	99	361561	135.02	ng		0.00
23) Nitrobenzene-d5	7.85	82	189167	82.83	ng		-0.01
41) 2,4,6-Tribromophenol	11.88	330	86607	121.84	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	430512	85.16	ng		0.00
78) Terphenyl-d14	14.74	244	542809	79.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.05	88	34697	35.26	ng	#	100
3) Pyridine	2.75	79	83880	31.73	ng		97
4) n-Nitrosodimethylamine	2.67	42	42423	36.85	ng		93
6) Aniline	6.75	93	57044	14.89	ng	#	70
8) 2-Chlorophenol	6.89	128	106265	41.19	ng		98
9) Benzaldehyde	6.60	77	6347	5.79	ng		95
10) Phenol	6.74	94	129683	40.97	ng		84
11) bis(2-Chloroethyl)ether	6.85	93	95059	40.09	ng		99
12) 1,3-Dichlorobenzene	7.08	146	111506	38.86	ng		100
13) 1,4-Dichlorobenzene	7.18	146	109989	36.89	ng		99
14) 1,2-Dichlorobenzene	7.37	146	104462	38.22	ng		99
15) Benzyl Alcohol	7.34	79	81578	39.03	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.53	45	123669	38.71	ng		100
17) 2-Methylphenol	7.49	107	82837	39.44	ng		97
18) Hexachloroethane	7.78	117	36325	37.15	ng		97
19) n-Nitroso-di-n-propylamine	7.68	70	67649	36.52	ng		99
20) 3+4-Methylphenols	7.69	107	109491	39.73	ng		97
22) Acetophenone	7.66	105	136842	41.29	ng	#	97
24) Nitrobenzene	7.87	77	97588	39.66	ng		99
25) Isophorone	8.18	82	184039	39.90	ng		99
26) 2-Nitrophenol	8.27	139	49528	41.12	ng		96
27) 2,4-Dimethylphenol	8.34	122	95945	43.72	ng		98
28) bis(2-Chloroethoxy)methane	8.46	93	113169	40.42	ng		98
29) 2,4-Dichlorophenol	8.57	162	91979	43.97	ng		99
30) 1,2,4-Trichlorobenzene	8.67	180	91924	39.28	ng		99
31) Naphthalene	8.76	128	307060	39.93	ng		100
32) Benzoic acid	8.45	122	38113	32.22	ng		95
33) 4-Chloroaniline	8.84	127	53634	17.19	ng		97
34) Hexachlorobutadiene	8.92	225	48750	36.75	ng		98
35) Caprolactam	9.26	113	27908	45.65	ng	#	82
36) 4-Chloro-3-methylphenol	9.45	107	90834	43.16	ng		88
37) 2-Methylnaphthalene	9.62	142	208530	40.37	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	89061	40.19	ng	#	100
40) Hexachlorocyclopentadiene	9.81	237	84451	76.28	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	61176	39.86	ng		98
43) 2,4,5-Trichlorophenol	10.02	196	68768	41.47	ng	#	90
45) 1,1'-Biphenyl	10.20	154	244924	41.24	ng		99
46) 2-Chloronaphthalene	10.22	162	196596	40.73	ng		97
47) 2-Nitroaniline	10.35	65	53377	44.53	ng	#	83
48) Acenaphthylene	10.73	152	304283	37.91	ng		99
49) Dimethylphthalate	10.59	163	226866	41.17	ng		99
50) 2,6-Dinitrotoluene	10.67	165	49448	43.29	ng	#	70
51) Acenaphthene	10.95	154	186485	40.53	ng		99
52) 3-Nitroaniline	10.87	138	34217	25.79	ng		92
53) 2,4-Dinitrophenol	11.00	184	36824	86.98	ng	#	75
54) Dibenzofuran	11.16	168	293314	42.98	ng		97
55) 4-Nitrophenol	11.08	139	85616	87.13	ng	#	70
56) 2,4-Dinitrotoluene	11.16	165	70195	47.13	ng	#	75
57) Fluorene	11.59	166	232287	40.99	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.32	232	54078	42.35	ng	#	100
59) Diethylphthalate	11.47	149	226319	42.15	ng		97
60) 4-Chlorophenyl-phenylether	11.60	204	106483	41.17	ng		95
61) 4-Nitroaniline	11.62	138	58024	43.89	ng		85
62) Azobenzene	11.79	77	215123	41.92	ng		94
64) 4,6-Dinitro-2-methylphenol	11.67	198	25636	38.60	ng	#	69
65) n-Nitrosodiphenylamine	11.75	169	209879	43.73	ng		98
66) 4-Bromophenyl-phenylether	12.20	248	64160	41.71	ng	#	91
67) Hexachlorobenzene	12.26	284	69125	40.90	ng	#	93
68) Atrazine	12.42	200	63228	47.01	ng		95
69) Pentachlorophenol	12.51	266	72613	81.96	ng		96
70) Phenanthrene	12.77	178	361548	43.70	ng		100
71) Anthracene	12.84	178	359775	44.01	ng		99
72) Carbazole	13.05	167	355098	45.67	ng		99
73) Di-n-butylphthalate	13.51	149	353193	40.51	ng		99
74) Fluoranthene	14.25	202	393494	43.12	ng		97
76) Benzidine	14.43	184	125043	30.32	ng		98
77) Pyrene	14.53	202	423300	40.54	ng		100
79) Butylbenzylphthalate	15.37	149	162804	39.54	ng		94
80) Benzo(a)anthracene	16.02	228	402224	40.86	ng		100
81) 3,3'-Dichlorobenzidine	16.01	252	64421	19.84	ng		98
82) Chrysene	16.07	228	394692	44.59	ng		99
83) Bis(2-ethylhexyl)phthalate	16.09	149	232166	37.23	ng	#	96
84) Di-n-octyl phthalate	16.89	149	388486	36.43	ng		100
85) Indeno(1,2,3-cd)pyrene	19.17	276	455117	41.20	ng	#	100
87) Benzo(b)fluoranthene	17.33	252	407475	37.84	ng	#	96
88) Benzo(k)fluoranthene	17.37	252	407238m	48.41	ng		
89) Benzo(a)pyrene	17.71	252	397994	44.29	ng	#	95
90) Dibenzo(a,h)anthracene	19.21	278	380746	42.72	ng		99
91) Benzo(g,h,i)perylene	19.59	276	389913	42.97	ng		99

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

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