Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
Data File : BF077803.D
Acq On : 18 Mar 2015 18:44
Operator : TP/IZ
Sample : PB82152BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82152BS

Manual Integrations APPROVED
mohammad
3/20/2015 1:48:18 PM

Quant Time: Mar 19 03:56:04 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	38807	20.00	ng		0.00
21) Naphthalene-d8	8.74	136	163252	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	82184	20.00	ng		0.00
63) Phenanthrene-d10	12.74	188	155008	20.00	ng		-0.01
75) Chrysene-d12	16.05	240	166103	20.00	ng		-0.08
86) Perylene-d12	17.86	264	153497	20.00	ng		-0.24
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	293577	132.05	ng		0.01
7) Phenol-d6	6.73	99	369038	134.35	ng		0.00
23) Nitrobenzene-d5	7.85	82	206101	82.76	ng		-0.01
41) 2,4,6-Tribromophenol	11.88	330	89588	113.93	ng		-0.01
44) 2-Fluorobiphenyl	10.09	172	469157	83.89	ng		0.00
78) Terphenyl-d14	14.74	244	510214	75.03	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	33638	33.33	ng	#	100
3) Pyridine	2.75	79	96915	35.73	ng		96
4) n-Nitrosodimethylamine	2.68	42	37613	31.85	ng		99
6) Aniline	6.75	93	80457	20.48	ng	#	71
8) 2-Chlorophenol	6.89	128	109661	41.44	ng		99
9) Benzaldehyde	6.60	77	6920	6.15	ng		94
10) Phenol	6.74	94	131601	40.53	ng		88
11) bis(2-Chloroethyl)ether	6.85	93	101316	41.66	ng		98
12) 1,3-Dichlorobenzene	7.08	146	114722	38.98	ng		99
13) 1,4-Dichlorobenzene	7.18	146	112098	36.65	ng		100
14) 1,2-Dichlorobenzene	7.37	146	108268	38.61	ng		99
15) Benzyl Alcohol	7.34	79	86125	40.17	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.53	45	129172	39.41	ng		100
17) 2-Methylphenol	7.49	107	87646	40.68	ng		98
18) Hexachloroethane	7.78	117	39170	39.05	ng		96
19) n-Nitroso-di-n-propylamine	7.68	70	70943	37.33	ng		99
20) 3+4-Methylphenols	7.69	107	114203	40.40	ng		96
22) Acetophenone	7.66	105	141715	39.21	ng	#	97
24) Nitrobenzene	7.88	77	103811	38.69	ng	#	79
25) Isophorone	8.18	82	191319	38.04	ng		100
26) 2-Nitrophenol	8.27	139	51267	39.03	ng		96
27) 2,4-Dimethylphenol	8.34	122	99594	41.62	ng		99
28) bis(2-Chloroethoxy)methane	8.46	93	119884	39.27	ng		98
29) 2,4-Dichlorophenol	8.57	162	93396	40.94	ng		98
30) 1,2,4-Trichlorobenzene	8.67	180	97501	38.20	ng		98
31) Naphthalene	8.76	128	319977	38.16	ng		100
32) Benzoic acid	8.45	122	40543	31.51	ng		96
33) 4-Chloroaniline	8.84	127	79374	23.33	ng		97
34) Hexachlorobutadiene	8.92	225	51355	35.50	ng		97
35) Caprolactam	9.26	113	27144	40.72	ng	#	85
36) 4-Chloro-3-methylphenol	9.45	107	93197	40.61	ng		87
37) 2-Methylnaphthalene	9.62	142	220804	39.20	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	92484	37.73	ng	#	100
40) Hexachlorocyclopentadiene	9.81	237	85159	69.82	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	61872	36.44	ng		99
43) 2,4,5-Trichlorophenol	10.02	196	71727	39.10	ng	#	90
45) 1,1'-Biphenyl	10.20	154	254786	38.78	ng		98
46) 2-Chloronaphthalene	10.23	162	208708	39.09	ng		97
47) 2-Nitroaniline	10.35	65	52006	39.22	ng		88
48) Acenaphthylene	10.73	152	321990	36.27	ng		100
49) Dimethylphthalate	10.59	163	224206	36.78	ng		98
50) 2,6-Dinitrotoluene	10.67	165	50908	40.29	ng	#	67
51) Acenaphthene	10.95	154	185572	36.45	ng		99
52) 3-Nitroaniline	10.87	138	44947	30.63	ng		88
53) 2,4-Dinitrophenol	11.00	184	31094	68.30	ng	#	76
54) Dibenzofuran	11.16	168	293735	38.91	ng		97
55) 4-Nitrophenol	11.08	139	79868	73.48	ng	#	71
56) 2,4-Dinitrotoluene	11.16	165	68331	41.47	ng	#	78
57) Fluorene	11.59	166	238235	38.00	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.32	232	54331	38.47	ng	#	100
59) Diethylphthalate	11.47	149	230278	38.77	ng		98
60) 4-Chlorophenyl-phenylether	11.60	204	106430	37.20	ng		91
61) 4-Nitroaniline	11.62	138	55989	38.28	ng		84
62) Azobenzene	11.79	77	215727	38.00	ng		95
64) 4,6-Dinitro-2-methylphenol	11.67	198	21762	31.37	ng	#	71
65) n-Nitrosodiphenylamine	11.75	169	205437	39.80	ng		99
66) 4-Bromophenyl-phenylether	12.20	248	64827	39.19	ng	#	89
67) Hexachlorobenzene	12.26	284	69591	38.29	ng	#	92
68) Atrazine	12.42	200	60482	41.81	ng		96
69) Pentachlorophenol	12.51	266	71756	75.55	ng		98
70) Phenanthrene	12.77	178	354150	39.80	ng		99
71) Anthracene	12.84	178	352591	40.11	ng		98
72) Carbazole	13.05	167	341659	40.85	ng		98
73) Di-n-butylphthalate	13.51	149	357056	38.08	ng		99
74) Fluoranthene	14.25	202	378598	38.57	ng		96
76) Benzidine	14.43	184	129240	31.35	ng		97
77) Pyrene	14.53	202	395759	37.89	ng		99
79) Butylbenzylphthalate	15.37	149	152223	36.96	ng		95
80) Benzo(a)anthracene	16.04	228	377793	38.37	ng		99
81) 3,3'-Dichlorobenzidine	16.02	252	81846	25.20	ng		100
82) Chrysene	16.09	228	353956	39.98	ng		100
83) Bis(2-ethylhexyl)phthalate	16.11	149	218517	35.03	ng	#	96
84) Di-n-octyl phthalate	16.95	149	360517	33.80	ng		99
85) Indeno(1,2,3-cd)pyrene	19.28	276	394399	35.69	ng	#	100
87) Benzo(b)fluoranthene	17.39	252	371087	37.03	ng		99
88) Benzo(k)fluoranthene	17.43	252	338297m	43.22	ng		
89) Benzo(a)pyrene	17.79	252	352483	42.16	ng	#	95
90) Dibenzo(a,h)anthracene	19.31	278	330996	39.91	ng		99
91) Benzo(g,h,i)perylene	19.69	276	340564	40.34	ng		98

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

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