Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030615\
Data File : BF077620.D
Acq On : 6 Mar 2015 14:23
Operator : TP/IZ
Sample : PB81931BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB81931BS

Manual Integrations APPROVED
mohammad
3/9/2015 3:24:51 PM

Quant Time: Mar 06 23:41:20 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 22:10:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.20	152	63036	20.00	ng		0.00
21) Naphthalene-d8	8.78	136	254210	20.00	ng		0.00
38) Acenaphthene-d10	10.95	164	128722	20.00	ng		0.00
63) Phenanthrene-d10	12.79	188	257554	20.00	ng		0.00
75) Chrysene-d12	16.08	240	269318	20.00	ng		0.00
86) Perylene-d12	17.83	264	256967	20.00	ng		0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	415594	110.07	ng		0.00
7) Phenol-d6	6.77	99	544008	112.05	ng		0.00
23) Nitrobenzene-d5	7.90	82	298748	73.08	ng		0.00
41) 2,4,6-Tribromophenol	11.93	330	141932	114.51	ng		0.00
44) 2-Fluorobiphenyl	10.13	172	645881	78.24	ng		0.00
78) Terphenyl-d14	14.79	244	784340	68.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	47072	29.38	ng	#	94
3) Pyridine	2.88	79	128000	27.92	ng		94
4) n-Nitrosodimethylamine	2.78	42	59774	29.99	ng		96
6) Aniline	6.79	93	123100	18.35	ng	#	91
8) 2-Chlorophenol	6.93	128	150892	33.88	ng		95
9) Benzaldehyde	6.65	77	20002	6.79	ng		93
10) Phenol	6.79	94	190829	33.13	ng		79
11) bis(2-Chloroethyl)ether	6.90	93	137379	33.19	ng		99
12) 1,3-Dichlorobenzene	7.13	146	160958	33.18	ng	#	94
13) 1,4-Dichlorobenzene	7.23	146	159485	32.32	ng		96
14) 1,2-Dichlorobenzene	7.41	146	152846	32.56	ng		96
15) Benzyl Alcohol	7.39	79	124305	33.68	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.57	45	190261	32.15	ng		97
17) 2-Methylphenol	7.53	107	119190	34.23	ng		99
18) Hexachloroethane	7.83	117	57358	34.80	ng	#	84
19) n-Nitroso-di-n-propylamine	7.72	70	105889	34.35	ng		96
20) 3+4-Methylphenols	7.73	107	159979	34.89	ng	#	81
22) Acetophenone	7.71	105	203842	34.09	ng	#	89
24) Nitrobenzene	7.92	77	145797	33.90	ng	#	83
25) Isophorone	8.22	82	271413	33.46	ng		96
26) 2-Nitrophenol	8.31	139	71612	40.62	ng		91
27) 2,4-Dimethylphenol	8.38	122	129949	32.95	ng		97
28) bis(2-Chloroethoxy)methane	8.50	93	176781	34.50	ng		99
29) 2,4-Dichlorophenol	8.61	162	130691	35.30	ng		95
30) 1,2,4-Trichlorobenzene	8.71	180	133292	32.75	ng		97
31) Naphthalene	8.81	128	439075	34.54	ng		99
32) Benzoic acid	8.48	122	76097	39.71	ng		99
33) 4-Chloroaniline	8.88	127	105610	18.68	ng		98
34) Hexachlorobutadiene	8.96	225	74880	32.22	ng		99
35) Caprolactam	9.31	113	39048	34.55	ng	#	74
36) 4-Chloro-3-methylphenol	9.49	107	134810	36.22	ng		97
37) 2-Methylnaphthalene	9.67	142	302077	33.46	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.87	216	131632	35.64	ng	#	98
40) Hexachlorocyclopentadiene	9.86	237	133302	67.31	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.02	196	94673	38.71	ng		99
43) 2,4,5-Trichlorophenol	10.06	196	98467	37.65	ng	#	93
45) 1,1'-Biphenyl	10.25	154	364940	37.42	ng		97
46) 2-Chloronaphthalene	10.27	162	289589	37.86	ng		95
47) 2-Nitroaniline	10.40	65	78275	41.58	ng		92
48) Acenaphthylene	10.78	152	450144	37.18	ng		99
49) Dimethylphthalate	10.64	163	337145	37.26	ng		99
50) 2,6-Dinitrotoluene	10.71	165	68086	37.52	ng	#	48
51) Acenaphthene	10.99	154	257289	35.61	ng		99
52) 3-Nitroaniline	10.91	138	61232	29.27	ng		86
53) 2,4-Dinitrophenol	11.05	184	51114	92.57	ng		93
54) Dibenzofuran	11.21	168	405713	36.37	ng		98
55) 4-Nitrophenol	11.13	139	136431	81.08	ng	#	77
56) 2,4-Dinitrotoluene	11.20	165	97833	39.90	ng	#	85
57) Fluorene	11.63	166	335386	37.60	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.36	232	79122	37.63	ng		94
59) Diethylphthalate	11.51	149	344398	38.61	ng		97
60) 4-Chlorophenyl-phenylether	11.64	204	157341	36.61	ng		94
61) 4-Nitroaniline	11.66	138	79261	39.53	ng		88
62) Azobenzene	11.84	77	318578	37.64	ng		97
64) 4,6-Dinitro-2-methylphenol	11.70	198	35552	35.63	ng	#	32
65) n-Nitrosodiphenylamine	11.79	169	297145	34.77	ng		100
66) 4-Bromophenyl-phenylether	12.25	248	96628	32.04	ng		99
67) Hexachlorobenzene	12.31	284	102457	31.65	ng		95
68) Atrazine	12.46	200	94177	33.90	ng		96
69) Pentachlorophenol	12.56	266	112870	66.34	ng		98
70) Phenanthrene	12.82	178	487654	32.67	ng		99
71) Anthracene	12.89	178	508238	34.31	ng		99
72) Carbazole	13.09	167	494855	35.13	ng		100
73) Di-n-butylphthalate	13.55	149	555805	33.60	ng	#	96
74) Fluoranthene	14.30	202	532898	32.68	ng		97
76) Benzidine	14.48	184	205410	22.57	ng		98
77) Pyrene	14.58	202	586586	35.61	ng		100
79) Butylbenzylphthalate	15.41	149	247498	36.52	ng	#	81
80) Benzo(a)anthracene	16.07	228	542921	34.40	ng		100
81) 3,3'-Dichlorobenzidine	16.05	252	146097	25.26	ng	#	97
82) Chrysene	16.11	228	502705	33.92	ng		100
83) Bis(2-ethylhexyl)phthalate	16.13	149	372969	34.32	ng	#	97
84) Di-n-octyl phthalate	16.94	149	620496	34.19	ng		99
85) Indeno(1,2,3-cd)pyrene	19.26	276	552454	32.69	ng		98
87) Benzo(b)fluoranthene	17.38	252	564490m	37.78	ng		
88) Benzo(k)fluoranthene	17.42	252	446071	30.46	ng		99
89) Benzo(a)pyrene	17.77	252	490724	34.48	ng		98
90) Dibenzo(a,h)anthracene	19.29	278	470313	34.65	ng		97
91) Benzo(g,h,i)perylene	19.67	276	484037	35.33	ng		95

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

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