Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042015\
Data File : BF078651.D
Acq On : 20 Apr 2015 18:40
Operator : TP/IZ
Sample : PB82843BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82843BSD

Manual Integrations APPROVED
apatel
4/21/2015 5:03:36 PM

Quant Time: Apr 21 01:20:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 00:52:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	34814	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	142591	20.00	ng		0.00
38) Acenaphthene-d10	11.21	164	71553	20.00	ng		0.00
63) Phenanthrene-d10	13.94	188	142477	20.00	ng		0.00
75) Chrysene-d12	17.81	240	143977	20.00	ng		0.00
86) Perylene-d12	19.54	264	135786	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	3.87	112	248811	117.84	ng		0.00
7) Phenol-d6	5.36	99	318538	120.38	ng		0.00
23) Nitrobenzene-d5	6.80	82	187684	79.78	ng		0.00
41) 2,4,6-Tribromophenol	12.69	330	82058	138.28	ng		0.00
44) 2-Fluorobiphenyl	10.03	172	411405	82.19	ng		0.00
78) Terphenyl-d14	16.47	244	493788	77.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.45	88	28879m	30.25	ng		
3) Pyridine	1.94	79	87748	35.08	ng		98
4) n-Nitrosodimethylamine	1.90	42	33190	34.47	ng		96
6) Aniline	5.35	93	87528	23.32	ng		94
8) 2-Chlorophenol	5.52	128	95105	38.09	ng		99
9) Benzaldehyde	5.16	77	14473	8.25	ng		96
10) Phenol	5.38	94	118136	37.26	ng		97
11) bis(2-Chloroethyl)ether	5.48	93	86235	37.82	ng		95
12) 1,3-Dichlorobenzene	5.76	146	99385	36.24	ng	#	91
13) 1,4-Dichlorobenzene	5.88	146	99681	36.11	ng		97
14) 1,2-Dichlorobenzene	6.12	146	96597	37.32	ng		95
15) Benzyl Alcohol	6.14	79	75144	40.41	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.38	45	114864	37.77	ng		90
17) 2-Methylphenol	6.35	107	75471	38.93	ng	#	94
18) Hexachloroethane	6.67	117	34707	37.28	ng		94
19) n-Nitroso-di-n-propylamine	6.59	70	66827	38.28	ng		96
20) 3+4-Methylphenols	6.63	107	99783	38.59	ng		99
22) Acetophenone	6.56	105	132479	39.88	ng	#	93
24) Nitrobenzene	6.83	77	95291	38.75	ng		92
25) Isophorone	7.26	82	173841	38.94	ng		95
26) 2-Nitrophenol	7.38	139	48451	41.34	ng		97
27) 2,4-Dimethylphenol	7.54	122	85845	39.39	ng		98
28) bis(2-Chloroethoxy)methane	7.70	93	108119	37.76	ng		98
29) 2,4-Dichlorophenol	7.83	162	82848	41.79	ng		97
30) 1,2,4-Trichlorobenzene	7.94	180	83445	36.71	ng		98
31) Naphthalene	8.06	128	276044	37.19	ng		99
32) Benzoic acid	7.78	122	49173m	47.98	ng		
33) 4-Chloroaniline	8.22	127	62764	20.38	ng		97
34) Hexachlorobutadiene	8.31	225	47486	38.05	ng		98
35) Caprolactam	8.84	113	23865	40.33	ng		98
36) 4-Chloro-3-methylphenol	9.18	107	85361	42.67	ng		91
37) 2-Methylnaphthalene	9.31	142	193579	38.42	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.62	216	84398	38.07	ng		99
40) Hexachlorocyclopentadiene	9.61	237	68529	72.50	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.87	196	54928	39.28	ng		99
43) 2,4,5-Trichlorophenol	9.95	196	58277	39.90	ng	#	90
45) 1,1'-Biphenyl	10.19	154	225932	38.60	ng		97
46) 2-Chloronaphthalene	10.19	162	175691	38.15	ng		95
47) 2-Nitroaniline	10.44	65	50633	44.44	ng	#	67
48) Acenaphthylene	10.94	152	289795	38.97	ng		99
49) Dimethylphthalate	10.84	163	217621	40.48	ng	#	97
50) 2,6-Dinitrotoluene	10.92	165	46656	42.19	ng	#	44
51) Acenaphthene	11.27	154	164833	39.37	ng		98
52) 3-Nitroaniline	11.21	138	32691	26.00	ng	#	98
53) 2,4-Dinitrophenol	11.44	184	34416	80.01	ng		90
54) Dibenzofuran	11.60	168	265024	41.45	ng		95
55) 4-Nitrophenol	11.64	139	56096	61.25	ng		90
56) 2,4-Dinitrotoluene	11.67	165	64646	45.13	ng	#	84
57) Fluorene	12.23	166	214239	41.33	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.86	232	41844	38.64	ng		96
59) Diethylphthalate	12.17	149	219685	42.38	ng		99
60) 4-Chlorophenyl-phenylether	12.29	204	96164	40.33	ng	#	83
61) 4-Nitroaniline	12.34	138	45504	35.79	ng		99
62) Azobenzene	12.57	77	201968	42.69	ng		97
64) 4,6-Dinitro-2-methylphenol	12.41	198	28198	41.32	ng		83
65) n-Nitrosodiphenylamine	12.53	169	184437	37.42	ng		98
66) 4-Bromophenyl-phenylether	13.19	248	60490	40.09	ng	#	87
67) Hexachlorobenzene	13.22	284	62154	37.59	ng	#	88
68) Atrazine	13.60	200	68874	48.25	ng		99
69) Pentachlorophenol	13.63	266	45916	64.31	ng		99
70) Phenanthrene	13.99	178	313452	38.03	ng		99
71) Anthracene	14.08	178	321761	39.62	ng		100
72) Carbazole	14.41	167	307005	40.34	ng		99
73) Di-n-butylphthalate	15.09	149	363873	42.20	ng		99
74) Fluoranthene	15.86	202	341248	39.26	ng		97
76) Benzidine	16.13	184	109893	19.82	ng		97
77) Pyrene	16.17	202	358088	39.62	ng		98
79) Butylbenzylphthalate	17.17	149	162243	47.10	ng	#	82
80) Benzo(a)anthracene	17.79	228	342467	39.98	ng		99
81) 3,3'-Dichlorobenzidine	17.79	252	78040	27.20	ng	#	98
82) Chrysene	17.84	228	304033	37.77	ng		99
83) Bis(2-ethylhexyl)phthalate	17.93	149	237255	43.91	ng		98
84) Di-n-octyl phthalate	18.72	149	406660	45.84	ng	#	100
85) Indeno(1,2,3-cd)pyrene	20.74	276	349321	38.25	ng	#	87
87) Benzo(b)fluoranthene	19.10	252	348287	41.50	ng	#	97
88) Benzo(k)fluoranthene	19.13	252	283371	38.00	ng		97
89) Benzo(a)pyrene	19.47	252	301592	41.18	ng	#	95
90) Dibenzo(a,h)anthracene	20.77	278	283289	38.63	ng		99
91) Benzo(g,h,i)perylene	21.06	276	287534	39.11	ng		99

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

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