Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\
Data File : BF081844.D
Acq On : 28 Sep 2015 15:30
Operator : UM/IZ
Sample : SSTDICC025
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
MMDadoda
9/29/2015 12:10:14 PM

Quant Time: Sep 28 17:18:27 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 16:48:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	116286	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	445017	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	218547	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	398909	20.00	ng		0.00
75) Chrysene-d12	14.12	240	354855	20.00	ng		0.00
86) Perylene-d12	15.58	264	292867	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	318003	46.26	ng		0.00
7) Phenol-d6	6.56	99	397868	45.76	ng		0.00
23) Nitrobenzene-d5	7.50	82	337174	49.99	ng		0.00
41) 2,4,6-Tribromophenol	10.77	330	105865	55.80	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	685141	51.46	ng		0.00
78) Terphenyl-d14	13.05	244	634623	40.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	66155	19.44	ng		88
3) Pyridine	3.30	79	172620	17.99	ng		85
4) n-Nitrosodimethylamine	3.25	42	82165	18.14	ng		97
6) Aniline	6.59	93	268602	20.64	ng	#	88
8) 2-Chlorophenol	6.71	128	170443	22.50	ng		84
9) Benzaldehyde	6.48	77	131702	25.62	ng	#	82
10) Phenol	6.57	94	220829	21.87	ng		79
11) bis(2-Chloroethyl)ether	6.66	93	168886	22.80	ng		98
12) 1,3-Dichlorobenzene	6.87	146	211029	23.55	ng	#	93
13) 1,4-Dichlorobenzene	6.95	146	216496	23.87	ng	#	95
14) 1,2-Dichlorobenzene	7.10	146	188973m	22.40	ng		
15) Benzyl Alcohol	7.07	79	146918	21.43	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	7.21	45	246784	19.48	ng		79
17) 2-Methylphenol	7.19	107	139004	21.73	ng	#	88
18) Hexachloroethane	7.44	117	66654	22.57	ng		90
19) n-Nitroso-di-n-propylamine	7.34	70	116844	20.16	ng	#	79
20) 3+4-Methylphenols	7.34	107	181584	22.59	ng	#	57
22) Acetophenone	7.35	105	231456	23.71	ng	#	85
24) Nitrobenzene	7.52	77	181118	24.07	ng	#	78
25) Isophorone	7.75	82	314531	21.05	ng	#	87
26) 2-Nitrophenol	7.84	139	87129	31.88	ng	#	84
27) 2,4-Dimethylphenol	7.87	122	151458	22.35	ng	#	86
28) bis(2-Chloroethoxy)methane	7.97	93	198933	22.79	ng	#	92
29) 2,4-Dichlorophenol	8.08	162	149265	23.66	ng		97
30) 1,2,4-Trichlorobenzene	8.16	180	172983	24.43	ng		99
31) Naphthalene	8.24	128	501217	24.41	ng		97
32) Benzoic acid	7.97	122	70208	53.21	ng	#	68
33) 4-Chloroaniline	8.30	127	214242	23.78	ng	#	95
34) Hexachlorobutadiene	8.35	225	100312	24.02	ng		99
35) Caprolactam	8.65	113	42212	25.05	ng		92
36) 4-Chloro-3-methylphenol	8.77	107	146174	23.12	ng	#	80
37) 2-Methylnaphthalene	8.94	142	344397	23.54	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	168714	24.19	ng		98
40) Hexachlorocyclopentadiene	9.09	237	83493	27.93	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	115123	25.05	ng		100
43) 2,4,5-Trichlorophenol	9.25	196	114247	25.27	ng	#	91
45) 1,1'-Biphenyl	9.39	154	402979	23.58	ng		95
46) 2-Chloronaphthalene	9.43	162	321407	23.38	ng		96
47) 2-Nitroaniline	9.52	65	92151	25.21	ng	#	70
48) Acenaphthylene	9.84	152	544882	23.42	ng		97
49) Dimethylphthalate	9.70	163	355711	21.39	ng	#	97
50) 2,6-Dinitrotoluene	9.76	165	78800	24.55	ng	#	69
51) Acenaphthene	10.01	154	312643	23.32	ng		89
52) 3-Nitroaniline	9.93	138	88341	25.38	ng	#	63
53) 2,4-Dinitrophenol	10.03	184	23395	70.98	ng	#	58
54) Dibenzofuran	10.18	168	452635	23.02	ng	#	90
55) 4-Nitrophenol	10.09	139	69007	28.74	ng	#	75
56) 2,4-Dinitrotoluene	10.16	165	97780	25.44	ng	#	75
57) Fluorene	10.53	166	357519	23.69	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.30	232	92354	26.76	ng		96
59) Diethylphthalate	10.40	149	348960	21.66	ng		97
60) 4-Chlorophenyl-phenylether	10.51	204	151339	21.84	ng	#	80
61) 4-Nitroaniline	10.55	138	98069	29.00	ng	#	59
62) Azobenzene	10.67	77	333098	20.23	ng		89
64) 4,6-Dinitro-2-methylphenol	10.57	198	40150	50.93	ng	#	64
65) n-Nitrosodiphenylamine	10.64	169	313829	23.33	ng		92
66) 4-Bromophenyl-phenylether	11.01	248	98050	22.08	ng	#	88
67) Hexachlorobenzene	11.07	284	110958	23.94	ng	#	77
68) Atrazine	11.17	200	99311	24.69	ng		84
69) Pentachlorophenol	11.27	266	61905	32.68	ng		99
70) Phenanthrene	11.49	178	502351	22.03	ng		97
71) Anthracene	11.54	178	529129	24.08	ng		98
72) Carbazole	11.70	167	466884	22.88	ng		98
73) Di-n-butylphthalate	12.02	149	498084	20.06	ng	#	98
74) Fluoranthene	12.67	202	510081	22.20	ng		93
76) Benzidine	12.81	184	271042	22.51	ng		98
77) Pyrene	12.90	202	526822	19.69	ng		96
79) Butylbenzylphthalate	13.53	149	203786	19.11	ng	#	91
80) Benzo(a)anthracene	14.10	228	469972	21.84	ng		97
81) 3,3'-Dichlorobenzidine	14.07	252	164825	24.12	ng	#	92
82) Chrysene	14.14	228	493104	23.89	ng		95
83) Bis(2-ethylhexyl)phthalate	14.08	149	251464	19.45	ng	#	90
84) Di-n-octyl phthalate	14.70	149	400418	21.06	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.04	276	370995	19.64	ng	#	87
87) Benzo(b)fluoranthene	15.14	252	472915	27.23	ng	#	89
88) Benzo(k)fluoranthene	15.18	252	319457m	19.10	ng		
89) Benzo(a)pyrene	15.51	252	356081	22.71	ng	#	89
90) Dibenzo(a,h)anthracene	17.06	278	299906	18.35	ng	#	80
91) Benzo(g,h,i)perylene	17.49	276	303322	18.00	ng	#	74

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

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