Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
Data File : BF077790.D
Acq On : 18 Mar 2015 9:24
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/20/2015 1:47:47 PM

Quant Time: Mar 18 13:35:34 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 13:16:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	53617	20.00	ng		0.00
21) Naphthalene-d8	8.74	136	218458	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	111045	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	210987	20.00	ng		0.00
75) Chrysene-d12	16.13	240	224770	20.00	ng		0.00
86) Perylene-d12	18.10	264	230163	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	237702	77.38	ng		0.00
7) Phenol-d6	6.73	99	302220	79.63	ng		0.00
23) Nitrobenzene-d5	7.86	82	279905	83.99	ng		0.00
41) 2,4,6-Tribromophenol	11.89	330	76210	71.73	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	571579	75.64	ng		0.00
78) Terphenyl-d14	14.76	244	678484	73.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	49409	35.43	ng	#	100
3) Pyridine	2.73	79	125428	33.47	ng		99
4) n-Nitrosodimethylamine	2.66	42	54694	33.52	ng		98
6) Aniline	6.75	93	216611	39.90	ng	#	85
8) 2-Chlorophenol	6.89	128	141766	38.77	ng		99
9) Benzaldehyde	6.60	77	69255	44.54	ng		97
10) Phenol	6.74	94	169812	37.85	ng		96
11) bis(2-Chloroethyl)ether	6.85	93	131562	39.15	ng		95
12) 1,3-Dichlorobenzene	7.08	146	157954	38.84	ng		98
13) 1,4-Dichlorobenzene	7.18	146	165070	39.07	ng		99
14) 1,2-Dichlorobenzene	7.37	146	148880	38.43	ng		98
15) Benzyl Alcohol	7.34	79	109955	37.12	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.53	45	175167	38.68	ng		98
17) 2-Methylphenol	7.49	107	116044	38.99	ng		98
18) Hexachloroethane	7.78	117	53220	38.40	ng		95
19) n-Nitroso-di-n-propylamine	7.69	70	96955	36.93	ng	#	91
20) 3+4-Methylphenols	7.69	107	148151	37.93	ng		95
22) Acetophenone	7.68	105	190655	39.42	ng	#	93
24) Nitrobenzene	7.88	77	149271	41.58	ng	#	83
25) Isophorone	8.18	82	261888	38.91	ng		97
26) 2-Nitrophenol	8.27	139	68284	38.85	ng	#	89
27) 2,4-Dimethylphenol	8.34	122	125236	39.11	ng		96
28) bis(2-Chloroethoxy)methane	8.46	93	167096	40.90	ng		98
29) 2,4-Dichlorophenol	8.57	162	115483	37.83	ng		96
30) 1,2,4-Trichlorobenzene	8.67	180	131668	38.55	ng		98
31) Naphthalene	8.76	128	417634	37.22	ng		100
32) Benzoic acid	8.45	122	55853m	32.35	ng		
33) 4-Chloroaniline	8.84	127	180105	39.55	ng	#	95
34) Hexachlorobutadiene	8.92	225	75706	39.11	ng		99
35) Caprolactam	9.28	113	36379	40.78	ng	#	79
36) 4-Chloro-3-methylphenol	9.45	107	120933	39.38	ng	#	83
37) 2-Methylnaphthalene	9.62	142	286253	37.98	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	122583	37.01	ng	#	100
40) Hexachlorocyclopentadiene	9.81	237	55468	35.30	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	84631	36.89	ng		98
43) 2,4,5-Trichlorophenol	10.02	196	91561	36.94	ng	#	88
45) 1,1'-Biphenyl	10.20	154	321949	36.27	ng		97
46) 2-Chloronaphthalene	10.22	162	276793	38.37	ng		96
47) 2-Nitroaniline	10.36	65	69711	38.91	ng	#	78
48) Acenaphthylene	10.74	152	459709	38.32	ng		99
49) Dimethylphthalate	10.60	163	316537	38.43	ng		99
50) 2,6-Dinitrotoluene	10.67	165	70674	41.40	ng		87
51) Acenaphthene	10.94	154	262846	38.21	ng		99
52) 3-Nitroaniline	10.86	138	76908	38.79	ng	#	76
53) 2,4-Dinitrophenol	11.00	184	20078	36.85	ng	#	83
54) Dibenzofuran	11.16	168	373121	36.58	ng		93
55) 4-Nitrophenol	11.09	139	54611	37.18	ng		96
56) 2,4-Dinitrotoluene	11.16	165	88146	39.60	ng		89
57) Fluorene	11.59	166	314142	37.09	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	70497	36.94	ng	#	100
59) Diethylphthalate	11.47	149	297041	37.02	ng		95
60) 4-Chlorophenyl-phenylether	11.60	204	138114	35.73	ng	#	85
61) 4-Nitroaniline	11.62	138	81325	41.16	ng		76
62) Azobenzene	11.79	77	288485	37.61	ng		90
64) 4,6-Dinitro-2-methylphenol	11.67	198	35974	37.18	ng		83
65) n-Nitrosodiphenylamine	11.75	169	267514	38.08	ng		99
66) 4-Bromophenyl-phenylether	12.20	248	84672	37.60	ng	#	80
67) Hexachlorobenzene	12.26	284	91362	36.93	ng	#	77
68) Atrazine	12.43	200	74057	37.62	ng		98
69) Pentachlorophenol	12.51	266	44973	36.45	ng		94
70) Phenanthrene	12.79	178	465262	38.41	ng		100
71) Anthracene	12.84	178	461249	38.54	ng		99
72) Carbazole	13.05	167	444025	39.01	ng		100
73) Di-n-butylphthalate	13.51	149	474622	37.19	ng		100
74) Fluoranthene	14.26	202	523966	39.22	ng		99
76) Benzidine	14.44	184	254998	45.94	ng		99
77) Pyrene	14.53	202	544589	38.53	ng		99
79) Butylbenzylphthalate	15.41	149	211702	37.99	ng		97
80) Benzo(a)anthracene	16.12	228	524038	39.33	ng		100
81) 3,3'-Dichlorobenzidine	16.10	252	169907	38.66	ng		99
82) Chrysene	16.17	228	479090	39.99	ng		100
83) Bis(2-ethylhexyl)phthalate	16.20	149	305727	36.22	ng	#	97
84) Di-n-octyl phthalate	17.11	149	494717	34.28	ng		99
85) Indeno(1,2,3-cd)pyrene	19.57	276	578473	38.69	ng	#	100
87) Benzo(b)fluoranthene	17.59	252	552572	36.77	ng		98
88) Benzo(k)fluoranthene	17.62	252	472903m	40.29	ng		
89) Benzo(a)pyrene	18.02	252	477652	38.10	ng	#	95
90) Dibenzo(a,h)anthracene	19.61	278	475038	38.20	ng		98
91) Benzo(g,h,i)perylene	20.00	276	484999	38.31	ng		99

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

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