Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
Data File : BF077807.D
Acq On : 18 Mar 2015 20:38
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
3/20/2015 1:48:25 PM

Quant Time: Mar 19 04:13:45 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	51180	20.00	ng		0.00
21) Naphthalene-d8	8.74	136	207132	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	104997	20.00	ng		0.00
63) Phenanthrene-d10	12.74	188	205033	20.00	ng		-0.01
75) Chrysene-d12	16.05	240	224080	20.00	ng		-0.08
86) Perylene-d12	17.85	264	220006	20.00	ng		-0.25
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	230360	78.57	ng		0.00
7) Phenol-d6	6.73	99	295319	81.52	ng		0.00
23) Nitrobenzene-d5	7.86	82	259161	82.02	ng		0.00
41) 2,4,6-Tribromophenol	11.88	330	75099	74.76	ng		-0.01
44) 2-Fluorobiphenyl	10.09	172	552920	77.39	ng		0.00
78) Terphenyl-d14	14.74	244	643381	70.13	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	47110	35.39	ng	#	100
3) Pyridine	2.72	79	143667	40.17	ng		97
4) n-Nitrosodimethylamine	2.66	42	57311	36.80	ng		99
6) Aniline	6.75	93	205207	39.60	ng	#	91
8) 2-Chlorophenol	6.89	128	135193	38.74	ng		99
9) Benzaldehyde	6.60	77	66872	45.06	ng		98
10) Phenol	6.74	94	167957	39.22	ng		99
11) bis(2-Chloroethyl)ether	6.85	93	130661	40.74	ng		98
12) 1,3-Dichlorobenzene	7.08	146	152641	39.32	ng		99
13) 1,4-Dichlorobenzene	7.18	146	158378	39.27	ng		99
14) 1,2-Dichlorobenzene	7.37	146	142113	38.43	ng		99
15) Benzyl Alcohol	7.34	79	107170	37.90	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.53	45	167715	38.80	ng		99
17) 2-Methylphenol	7.49	107	111719	39.32	ng		98
18) Hexachloroethane	7.78	117	51589	39.00	ng		95
19) n-Nitroso-di-n-propylamine	7.68	70	92011	36.72	ng		96
20) 3+4-Methylphenols	7.69	107	142237	38.15	ng		97
22) Acetophenone	7.68	105	182092	39.71	ng	#	92
24) Nitrobenzene	7.88	77	138530	40.69	ng	#	80
25) Isophorone	8.18	82	254156	39.83	ng		99
26) 2-Nitrophenol	8.27	139	67509	40.51	ng		94
27) 2,4-Dimethylphenol	8.34	122	122644	40.39	ng		99
28) bis(2-Chloroethoxy)methane	8.46	93	151059	39.00	ng		97
29) 2,4-Dichlorophenol	8.57	162	112827	38.98	ng		98
30) 1,2,4-Trichlorobenzene	8.67	180	127432	39.35	ng		96
31) Naphthalene	8.76	128	412845	38.81	ng		100
32) Benzoic acid	8.45	122	46237	28.63	ng		97
33) 4-Chloroaniline	8.84	127	174288	40.37	ng		96
34) Hexachlorobutadiene	8.92	225	73519	40.06	ng		99
35) Caprolactam	9.26	113	33054	39.08	ng		98
36) 4-Chloro-3-methylphenol	9.45	107	118487	40.69	ng		87
37) 2-Methylnaphthalene	9.62	142	273565	38.28	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	117524	37.53	ng	#	100
40) Hexachlorocyclopentadiene	9.81	237	53727	36.08	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	80128	36.94	ng		99
43) 2,4,5-Trichlorophenol	10.02	196	91288	38.95	ng	#	92
45) 1,1'-Biphenyl	10.20	154	319730	38.09	ng		98
46) 2-Chloronaphthalene	10.22	162	266782	39.11	ng		96
47) 2-Nitroaniline	10.35	65	66178	39.07	ng	#	84
48) Acenaphthylene	10.73	152	424779	37.45	ng		99
49) Dimethylphthalate	10.59	163	291361	37.41	ng		99
50) 2,6-Dinitrotoluene	10.67	165	67497	41.81	ng	#	73
51) Acenaphthene	10.94	154	249045	38.29	ng		100
52) 3-Nitroaniline	10.86	138	73856	39.40	ng		82
53) 2,4-Dinitrophenol	11.00	184	19486	37.61	ng	#	75
54) Dibenzofuran	11.16	168	362668	37.60	ng		96
55) 4-Nitrophenol	11.08	139	52623	37.89	ng	#	80
56) 2,4-Dinitrotoluene	11.16	165	86558	41.12	ng	#	81
57) Fluorene	11.59	166	298072	37.22	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.31	232	70810	39.24	ng	#	100
59) Diethylphthalate	11.47	149	288587	38.03	ng		97
60) 4-Chlorophenyl-phenylether	11.60	204	135678	37.12	ng		94
61) 4-Nitroaniline	11.62	138	78582	42.06	ng		80
62) Azobenzene	11.79	77	272624	37.59	ng		94
64) 4,6-Dinitro-2-methylphenol	11.67	198	33378	35.69	ng	#	70
65) n-Nitrosodiphenylamine	11.75	169	255434	37.41	ng		99
66) 4-Bromophenyl-phenylether	12.20	248	81212	37.12	ng	#	90
67) Hexachlorobenzene	12.26	284	88917	36.98	ng	#	90
68) Atrazine	12.42	200	71573	37.41	ng		94
69) Pentachlorophenol	12.51	266	42999	35.91	ng		99
70) Phenanthrene	12.77	178	450027	38.23	ng		99
71) Anthracene	12.84	178	456682	39.27	ng		99
72) Carbazole	13.05	167	452201	40.88	ng		99
73) Di-n-butylphthalate	13.51	149	467772	37.71	ng		99
74) Fluoranthene	14.25	202	504687	38.87	ng		96
76) Benzidine	14.43	184	225923	40.77	ng		98
77) Pyrene	14.53	202	527059	37.40	ng		99
79) Butylbenzylphthalate	15.37	149	202128	36.38	ng		98
80) Benzo(a)anthracene	16.04	228	520970	39.22	ng		99
81) 3,3'-Dichlorobenzidine	16.02	252	167348	38.19	ng		99
82) Chrysene	16.09	228	474963	39.77	ng		100
83) Bis(2-ethylhexyl)phthalate	16.11	149	298215	35.44	ng		98
84) Di-n-octyl phthalate	16.93	149	492118	34.20	ng		99
85) Indeno(1,2,3-cd)pyrene	19.27	276	591473m	39.68	ng		
87) Benzo(b)fluoranthene	17.39	252	502267	34.97	ng	#	94
88) Benzo(k)fluoranthene	17.43	252	510418m	45.50	ng		
89) Benzo(a)pyrene	17.79	252	494828	41.29	ng		100
90) Dibenzo(a,h)anthracene	19.30	278	481264	40.49	ng		99
91) Benzo(g,h,i)perylene	19.68	276	499812	41.30	ng		96

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

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