Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
Data File : BF077908.D
Acq On : 24 Mar 2015 12:19
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
3/25/2015 5:01:00 PM

Quant Time: Mar 25 01:04:16 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 25 00:51:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	45159	20.00	ng		0.00
21) Naphthalene-d8	8.69	136	189808	20.00	ng		0.00
38) Acenaphthene-d10	10.86	164	89193	20.00	ng		0.00
63) Phenanthrene-d10	12.69	188	172892	20.00	ng		0.00
75) Chrysene-d12	15.97	240	192612	20.00	ng		0.00
86) Perylene-d12	17.70	264	184376	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	209937	81.15	ng		0.00
7) Phenol-d6	6.69	99	262977	82.27	ng		0.00
23) Nitrobenzene-d5	7.81	82	233985	80.81	ng		0.00
41) 2,4,6-Tribromophenol	11.84	330	63168	74.02	ng		0.00
44) 2-Fluorobiphenyl	10.04	172	476209	78.46	ng		0.00
78) Terphenyl-d14	14.69	244	573457	72.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.98	88	43446	36.99	ng	#	100
3) Pyridine	2.65	79	129592	41.06	ng		97
4) n-Nitrosodimethylamine	2.59	42	49450	35.98	ng		95
6) Aniline	6.70	93	179166	39.19	ng	#	62
8) 2-Chlorophenol	6.85	128	120682	39.19	ng		90
9) Benzaldehyde	6.57	77	61302	46.81	ng		90
10) Phenol	6.70	94	147552	39.05	ng	#	70
11) bis(2-Chloroethyl)ether	6.81	93	107876	38.12	ng		89
12) 1,3-Dichlorobenzene	7.04	146	136049	39.72	ng		97
13) 1,4-Dichlorobenzene	7.14	146	142421	40.02	ng		97
14) 1,2-Dichlorobenzene	7.32	146	127149	38.97	ng		97
15) Benzyl Alcohol	7.31	79	96403	38.64	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.48	45	146910	38.52	ng		98
17) 2-Methylphenol	7.46	107	101074	40.32	ng		99
18) Hexachloroethane	7.73	117	45937	39.36	ng		94
19) n-Nitroso-di-n-propylamine	7.64	70	85759	38.78	ng	#	95
20) 3+4-Methylphenols	7.65	107	129542	39.38	ng		98
22) Acetophenone	7.63	105	168633	40.13	ng	#	94
24) Nitrobenzene	7.84	77	129580	41.54	ng	#	89
25) Isophorone	8.13	82	220628	37.73	ng		93
26) 2-Nitrophenol	8.22	139	56743	37.15	ng	#	83
27) 2,4-Dimethylphenol	8.30	122	103577	37.23	ng		99
28) bis(2-Chloroethoxy)methane	8.42	93	137245	38.67	ng		99
29) 2,4-Dichlorophenol	8.53	162	97971	36.94	ng		95
30) 1,2,4-Trichlorobenzene	8.62	180	110378	37.20	ng		98
31) Naphthalene	8.72	128	372695	38.23	ng		100
32) Benzoic acid	8.42	122	54998	36.25	ng		98
33) 4-Chloroaniline	8.80	127	148294	37.48	ng	#	92
34) Hexachlorobutadiene	8.88	225	62695	37.28	ng		96
35) Caprolactam	9.23	113	29423	37.96	ng		99
36) 4-Chloro-3-methylphenol	9.41	107	105091	39.38	ng		90
37) 2-Methylnaphthalene	9.57	142	241366	36.86	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.78	216	101453	38.14	ng	#	100
40) Hexachlorocyclopentadiene	9.77	237	45934	36.29	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.94	196	70757	38.40	ng		99
43) 2,4,5-Trichlorophenol	9.98	196	75853	38.10	ng		98
45) 1,1'-Biphenyl	10.16	154	275213	38.60	ng		97
46) 2-Chloronaphthalene	10.18	162	233731	40.34	ng		95
47) 2-Nitroaniline	10.32	65	62526	43.45	ng		98
48) Acenaphthylene	10.68	152	382228	39.67	ng		100
49) Dimethylphthalate	10.56	163	265468	40.13	ng		99
50) 2,6-Dinitrotoluene	10.62	165	57327	41.81	ng		95
51) Acenaphthene	10.90	154	215807	39.06	ng		99
52) 3-Nitroaniline	10.83	138	66433	41.71	ng		97
53) 2,4-Dinitrophenol	10.96	184	14863	34.59	ng		96
54) Dibenzofuran	11.12	168	315507	38.50	ng		96
55) 4-Nitrophenol	11.05	139	45038	38.18	ng	#	68
56) 2,4-Dinitrotoluene	11.12	165	73003	40.83	ng		96
57) Fluorene	11.54	166	269270	39.58	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.28	232	61777	40.30	ng	#	100
59) Diethylphthalate	11.43	149	243450	37.77	ng		97
60) 4-Chlorophenyl-phenylether	11.55	204	117304	37.78	ng		91
61) 4-Nitroaniline	11.57	138	67420	42.48	ng		75
62) Azobenzene	11.75	77	245700	39.88	ng		93
64) 4,6-Dinitro-2-methylphenol	11.62	198	31167	39.06	ng		76
65) n-Nitrosodiphenylamine	11.70	169	223990	38.91	ng		99
66) 4-Bromophenyl-phenylether	12.16	248	69535	37.69	ng	#	91
67) Hexachlorobenzene	12.21	284	78656	38.80	ng		98
68) Atrazine	12.37	200	56762	35.18	ng		92
69) Pentachlorophenol	12.47	266	35193	34.95	ng		98
70) Phenanthrene	12.73	178	405394	40.84	ng		100
71) Anthracene	12.79	178	394295	40.21	ng		99
72) Carbazole	13.00	167	393079	42.14	ng		99
73) Di-n-butylphthalate	13.46	149	391988	37.48	ng		99
74) Fluoranthene	14.20	202	443882	40.55	ng		99
76) Benzidine	14.39	184	208526	43.82	ng		99
77) Pyrene	14.48	202	458848	37.88	ng		100
79) Butylbenzylphthalate	15.31	149	172446	36.11	ng		94
80) Benzo(a)anthracene	15.96	228	441558	38.67	ng		100
81) 3,3'-Dichlorobenzidine	15.95	252	144575	38.39	ng	#	98
82) Chrysene	16.01	228	422151	41.12	ng		99
83) Bis(2-ethylhexyl)phthalate	16.03	149	247484	34.21	ng	#	96
84) Di-n-octyl phthalate	16.82	149	408152	33.00	ng		99
85) Indeno(1,2,3-cd)pyrene	19.07	276	518492	40.46	ng	#	100
87) Benzo(b)fluoranthene	17.27	252	448369m	37.25	ng		
88) Benzo(k)fluoranthene	17.29	252	432026	45.95	ng	#	97
89) Benzo(a)pyrene	17.64	252	417043	41.52	ng		98
90) Dibenzo(a,h)anthracene	19.09	278	417863	41.95	ng	#	96
91) Benzo(g,h,i)perylene	19.47	276	429954	42.40	ng		99

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

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