Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078859.D
Acq On : 30 Apr 2015 20:21
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
5/1/2015 4:43:41 PM

Quant Time: May 01 00:42:51 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 01 00:26:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	80100	20.00	ng		0.00
21) Naphthalene-d8	8.95	136	342249	20.00	ng		0.00
38) Acenaphthene-d10	11.13	164	164378	20.00	ng		0.00
63) Phenanthrene-d10	12.97	188	321855	20.00	ng		0.00
75) Chrysene-d12	16.27	240	340435	20.00	ng		-0.03
86) Perylene-d12	18.03	264	329929	20.00	ng		-0.14
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	368872	79.27	ng		0.00
7) Phenol-d6	6.91	99	463542	75.36	ng		0.00
23) Nitrobenzene-d5	8.06	82	440951	74.05	ng		0.00
41) 2,4,6-Tribromophenol	12.10	330	141953	79.83	ng		0.00
44) 2-Fluorobiphenyl	10.30	172	944522	80.05	ng		0.00
78) Terphenyl-d14	14.97	244	1137295	79.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	83142	41.09	ng	#	19
3) Pyridine	3.11	79	227529	38.43	ng		97
4) n-Nitrosodimethylamine	3.03	42	100012	39.42	ng		97
6) Aniline	6.96	93	346688	39.93	ng		98
8) 2-Chlorophenol	7.10	128	207331	39.28	ng		94
9) Benzaldehyde	6.82	77	167349	40.39	ng		96
10) Phenol	6.94	94	281319	39.43	ng		91
11) bis(2-Chloroethyl)ether	7.06	93	199572	38.15	ng		87
12) 1,3-Dichlorobenzene	7.29	146	227473	38.35	ng		98
13) 1,4-Dichlorobenzene	7.39	146	238643	39.09	ng		98
14) 1,2-Dichlorobenzene	7.58	146	224668	39.53	ng		98
15) Benzyl Alcohol	7.54	79	174376	38.19	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.72	45	308503	38.55	ng		100
17) 2-Methylphenol	7.69	107	161435	38.01	ng		96
18) Hexachloroethane	8.00	117	84046	39.97	ng		95
19) n-Nitroso-di-n-propylamine	7.88	70	169657	40.84	ng	#	86
20) 3+4-Methylphenols	7.87	107	224177	39.61	ng		91
22) Acetophenone	7.87	105	291745	37.73	ng	#	93
24) Nitrobenzene	8.08	77	215849	36.57	ng		97
25) Isophorone	8.39	82	423096	38.32	ng	#	90
26) 2-Nitrophenol	8.48	139	94620	38.73	ng		94
27) 2,4-Dimethylphenol	8.54	122	186678	38.18	ng		94
28) bis(2-Chloroethoxy)methane	8.66	93	268930	39.51	ng		98
29) 2,4-Dichlorophenol	8.76	162	169171	38.91	ng		93
30) 1,2,4-Trichlorobenzene	8.88	180	183068	38.33	ng		96
31) Naphthalene	8.97	128	620201	38.03	ng		100
32) Benzoic acid	8.63	122	107431	36.78	ng		98
33) 4-Chloroaniline	9.04	127	260516	37.75	ng		95
34) Hexachlorobutadiene	9.13	225	103888	37.78	ng		98
35) Caprolactam	9.47	113	58042	41.29	ng		89
36) 4-Chloro-3-methylphenol	9.64	107	181906	39.84	ng		88
37) 2-Methylnaphthalene	9.84	142	430397	38.09	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.03	216	175199	37.84	ng	#	100
40) Hexachlorocyclopentadiene	10.02	237	88218	37.90	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.18	196	122784	38.58	ng		97
43) 2,4,5-Trichlorophenol	10.22	196	123405	38.35	ng	#	87
45) 1,1'-Biphenyl	10.41	154	496972	38.03	ng		99
46) 2-Chloronaphthalene	10.43	162	379371	37.22	ng		98
47) 2-Nitroaniline	10.56	65	108828	36.85	ng		91
48) Acenaphthylene	10.95	152	633186	37.83	ng		100
49) Dimethylphthalate	10.80	163	465340	38.57	ng		99
50) 2,6-Dinitrotoluene	10.87	165	92616	38.90	ng		94
51) Acenaphthene	11.17	154	396533	39.73	ng		97
52) 3-Nitroaniline	11.07	138	118622	39.89	ng		88
53) 2,4-Dinitrophenol	11.20	184	22841	36.41	ng	#	82
54) Dibenzofuran	11.38	168	556964	38.63	ng		100
55) 4-Nitrophenol	11.27	139	89532	38.03	ng	#	80
56) 2,4-Dinitrotoluene	11.37	165	122277	38.85	ng	#	66
57) Fluorene	11.81	166	450201	38.05	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.53	232	103792	39.47	ng	#	100
59) Diethylphthalate	11.68	149	485017	40.58	ng		98
60) 4-Chlorophenyl-phenylether	11.82	204	204396	38.94	ng		99
61) 4-Nitroaniline	11.83	138	118331	39.77	ng		95
62) Azobenzene	12.01	77	470702	39.97	ng		98
64) 4,6-Dinitro-2-methylphenol	11.86	198	43354	36.02	ng		88
65) n-Nitrosodiphenylamine	11.97	169	414364	38.66	ng		97
66) 4-Bromophenyl-phenylether	12.42	248	130489	38.90	ng		99
67) Hexachlorobenzene	12.48	284	140357	36.60	ng		98
68) Atrazine	12.63	200	116829	37.48	ng		98
69) Pentachlorophenol	12.73	266	73124	36.65	ng		96
70) Phenanthrene	13.01	178	670031	37.21	ng		99
71) Anthracene	13.06	178	662667	37.51	ng		99
72) Carbazole	13.27	167	657866	39.07	ng		99
73) Di-n-butylphthalate	13.71	149	781050	38.68	ng		99
74) Fluoranthene	14.48	202	718400	38.29	ng		97
76) Benzidine	14.66	184	362835	39.55	ng		99
77) Pyrene	14.77	202	770141	39.26	ng		100
79) Butylbenzylphthalate	15.59	149	334154	38.97	ng	#	86
80) Benzo(a)anthracene	16.26	228	722202	38.74	ng		100
81) 3,3'-Dichlorobenzidine	16.24	252	257904	38.84	ng		99
82) Chrysene	16.31	228	673722	37.57	ng		100
83) Bis(2-ethylhexyl)phthalate	16.31	149	527972	40.65	ng	#	97
84) Di-n-octyl phthalate	17.12	149	847506	37.05	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.54	276	843595	36.93	ng	#	100
87) Benzo(b)fluoranthene	17.58	252	768515	42.56	ng		99
88) Benzo(k)fluoranthene	17.61	252	626985m	35.86	ng		
89) Benzo(a)pyrene	17.97	252	658013	39.57	ng	#	96
90) Dibenzo(a,h)anthracene	19.58	278	685521	38.79	ng		98
91) Benzo(g,h,i)perylene	20.00	276	668939	37.77	ng		99

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

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