Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085713.D
Acq On : 24 Mar 2016 13:39
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF032416

Manual Integrations APPROVED
Sohil
3/25/2016 5:56:51 PM

Quant Time: Mar 25 14:41:11 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 14:15:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	107460	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	441481	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	203736	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	393261	20.00	ng		0.00
75) Chrysene-d12	13.98	240	257818	20.00	ng		0.00
86) Perylene-d12	15.40	264	184552	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	512087	79.36	ng		0.00
7) Phenol-d6	6.46	99	633142	77.18	ng		0.00
23) Nitrobenzene-d5	7.40	82	625413	79.77	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	161286	83.32	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	1000714	82.06	ng		0.00
78) Terphenyl-d14	12.93	244	976694	77.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	125499	40.73	ng		97
3) Pyridine	3.10	79	334847	45.33	ng		98
4) n-Nitrosodimethylamine	3.05	42	115067	38.91	ng		99
6) Aniline	6.48	93	436067	39.49	ng	#	91
8) 2-Chlorophenol	6.61	128	309970	41.35	ng		98
9) Benzaldehyde	6.37	77	194749	39.40	ng		95
10) Phenol	6.47	94	370232	39.83	ng		99
11) bis(2-Chloroethyl)ether	6.56	93	284108	39.72	ng		98
12) 1,3-Dichlorobenzene	6.77	146	332314	41.16	ng		97
13) 1,4-Dichlorobenzene	6.85	146	323415m	39.50	ng		
14) 1,2-Dichlorobenzene	7.00	146	312761	40.99	ng		98
15) Benzyl Alcohol	6.97	79	231719	42.33	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	385860	40.66	ng		98
17) 2-Methylphenol	7.09	107	251334	41.88	ng		97
18) Hexachloroethane	7.34	117	124555	41.55	ng		95
19) n-Nitroso-di-n-propylamine	7.25	70	209107	42.57	ng		97
20) 3+4-Methylphenols	7.24	107	288769	40.02	ng		90
22) Acetophenone	7.24	105	393205	38.23	ng		98
24) Nitrobenzene	7.41	77	303627	37.57	ng		95
25) Isophorone	7.66	82	595839	39.45	ng	#	92
26) 2-Nitrophenol	7.73	139	158660	39.24	ng	#	88
27) 2,4-Dimethylphenol	7.77	122	302527	42.81	ng		95
28) bis(2-Chloroethoxy)methane	7.86	93	354537	41.20	ng		99
29) 2,4-Dichlorophenol	7.97	162	227555	38.30	ng		93
30) 1,2,4-Trichlorobenzene	8.06	180	266120	40.35	ng		94
31) Naphthalene	8.14	128	852496	38.32	ng		98
32) Benzoic acid	7.90	122	198941	42.39	ng		98
33) 4-Chloroaniline	8.18	127	356043	39.20	ng	#	95
34) Hexachlorobutadiene	8.25	225	142720	39.81	ng		99
35) Caprolactam	8.56	113	76794	36.49	ng		98
36) 4-Chloro-3-methylphenol	8.66	107	257513	37.11	ng		92
37) 2-Methylnaphthalene	8.82	142	538849	40.56	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	255310	42.26	ng		99
40) Hexachlorocyclopentadiene	8.97	237	85103	39.10	ng		98

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	165132	40.47	ng		96
43) 2,4,5-Trichlorophenol	9.14	196	178946	41.82	ng	#	88
45) 1,1'-Biphenyl	9.29	154	735175	42.76	ng		95
46) 2-Chloronaphthalene	9.32	162	545267	43.13	ng		96
47) 2-Nitroaniline	9.41	65	144543	37.39	ng		88
48) Acenaphthylene	9.73	152	864492	41.97	ng		100
49) Dimethylphthalate	9.59	163	582549	37.69	ng		100
50) 2,6-Dinitrotoluene	9.66	165	146286	43.97	ng	#	64
51) Acenaphthene	9.90	154	523172	41.58	ng		99
52) 3-Nitroaniline	9.82	138	148040	38.87	ng		93
53) 2,4-Dinitrophenol	9.93	184	66872	42.82	ng	#	74
54) Dibenzofuran	10.07	168	667388	40.98	ng		97
55) 4-Nitrophenol	9.99	139	105154	42.38	ng	#	84
56) 2,4-Dinitrotoluene	10.06	165	181399	42.89	ng	#	69
57) Fluorene	10.41	166	576634	42.60	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	118003	39.68	ng		99
59) Diethylphthalate	10.29	149	603834	39.54	ng		98
60) 4-Chlorophenyl-phenylether	10.40	204	251458	37.99	ng		96
61) 4-Nitroaniline	10.44	138	157567	43.26	ng		93
62) Azobenzene	10.56	77	610032	41.57	ng		97
64) 4,6-Dinitro-2-methylphenol	10.47	198	103338	44.87	ng	#	60
65) n-Nitrosodiphenylamine	10.53	169	515890	41.42	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	163687	40.68	ng		95
67) Hexachlorobenzene	10.96	284	176107	41.85	ng		94
68) Atrazine	11.05	200	166125	39.50	ng		99
69) Pentachlorophenol	11.16	266	91091	44.10	ng		98
70) Phenanthrene	11.37	178	876823	43.42	ng		100
71) Anthracene	11.42	178	839707	39.61	ng		100
72) Carbazole	11.58	167	736118	41.36	ng		100
73) Di-n-butylphthalate	11.91	149	981265	40.18	ng		100
74) Fluoranthene	12.56	202	843949	39.32	ng		87
76) Benzidine	12.68	184	371007	40.86	ng		97
77) Pyrene	12.78	202	808813	38.16	ng		99
79) Butylbenzylphthalate	13.41	149	362087	40.80	ng		96
80) Benzo(a)anthracene	13.97	228	580036	39.46	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	372317	36.49	ng		99
82) Chrysene	14.00	228	568152	38.37	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	429235	40.39	ng		99
84) Di-n-octyl phthalate	14.57	149	632271	40.01	ng		100
85) Indeno(1,2,3-cd)pyrene	16.78	276	466777	40.82	ng		99
87) Benzo(b)fluoranthene	15.00	252	502149m	43.19	ng		
88) Benzo(k)fluoranthene	15.02	252	389966m	37.21	ng		
89) Benzo(a)pyrene	15.34	252	421118	40.79	ng		97
90) Dibenzo(a,h)anthracene	16.79	278	394664	41.15	ng		98
91) Benzo(g,h,i)perylene	17.19	276	398233	41.00	ng		99

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

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