Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080316\
Data File : BF089573.D
Acq On : 3 Aug 2016 22:42
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF080316

Manual Integrations APPROVED
sohil
8/4/2016 6:11:52 PM

Quant Time: Aug 04 08:43:13 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 04 08:40:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	41789	20.00	ng	0.00
21) Naphthalene-d8	9.50	136	180634	20.00	ng	0.00
38) Acenaphthene-d10	12.32	164	83568	20.00	ng	0.00
63) Phenanthrene-d10	14.71	188	155145	20.00	ng	-0.01
75) Chrysene-d12	18.41	240	95094	20.00	ng	0.00
86) Perylene-d12	20.07	264	74239	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	197945	79.74	ng	0.00
7) Phenol-d6	7.00	99	268173	79.76	ng	0.00
23) Nitrobenzene-d5	8.38	82	245025	75.04	ng	0.00
41) 2,4,6-Tribromophenol	13.61	330	55589	83.75	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	477766	74.25	ng	0.00
78) Terphenyl-d14	17.07	244	355680	75.05	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.77	88	48587	33.36	ng	97
3) Pyridine	2.35	79	94064	34.06	ng	98
4) n-Nitrosodimethylamine	2.32	42	38944	35.67	ng	100
6) Aniline	6.96	93	156286	34.93	ng	100
8) 2-Chlorophenol	7.14	128	116572	38.61	ng	99
9) Benzaldehyde	6.78	77	54057	45.13	ng	97
10) Phenol	7.02	94	139862	40.17	ng	92
11) bis(2-Chloroethyl)ether	7.11	93	116220	37.97	ng	99
12) 1,3-Dichlorobenzene	7.37	146	122861	37.11	ng	98
13) 1,4-Dichlorobenzene	7.50	146	119133	36.03	ng	97
14) 1,2-Dichlorobenzene	7.72	146	123222	35.91	ng	99
15) Benzyl Alcohol	7.75	79	83930	38.22	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.95	45	143449	38.00	ng	96
17) 2-Methylphenol	7.96	107	87165	39.46	ng	97
18) Hexachloroethane	8.25	117	50901	36.66	ng	100
19) n-Nitroso-di-n-propylamine	8.18	70	88638	37.48	ng	97
20) 3+4-Methylphenols	8.23	107	109272	37.79	ng	99
22) Acetophenone	8.15	105	150198	35.03	ng	100
24) Nitrobenzene	8.41	77	129653	39.14	ng	100
25) Isophorone	8.81	82	243157	39.22	ng	100
26) 2-Nitrophenol	8.91	139	55425	39.15	ng	97
27) 2,4-Dimethylphenol	9.05	122	102700	40.49	ng	98
28) bis(2-Chloroethoxy)methane	9.19	93	136035	36.63	ng	99
29) 2,4-Dichlorophenol	9.32	162	88100	36.92	ng	99
30) 1,2,4-Trichlorobenzene	9.42	180	101931	37.38	ng	95
31) Naphthalene	9.53	128	351777	36.63	ng	99
32) Benzoic acid	9.37	122	61406	36.45	ng	100
33) 4-Chloroaniline	9.67	127	123783	33.37	ng	99
34) Hexachlorobutadiene	9.75	225	56369	35.63	ng	99
35) Caprolactam	10.30	113	26619	37.93	ng	86
36) 4-Chloro-3-methylphenol	10.51	107	109822	39.27	ng	89
37) 2-Methylnaphthalene	10.65	142	213476	36.36	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.92	216	115742	36.75	ng	99
40) Hexachlorocyclopentadiene	10.91	237	32262	33.33	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.14	196	60676	39.41	ng		97
43) 2,4,5-Trichlorophenol	11.22	196	68553	42.04	ng		99
45) 1,1'-Biphenyl	11.43	154	280689	37.19	ng		99
46) 2-Chloronaphthalene	11.44	162	208864	36.94	ng		99
47) 2-Nitroaniline	11.64	65	63581	35.45	ng		95
48) Acenaphthylene	12.09	152	352092	37.77	ng		99
49) Dimethylphthalate	11.98	163	249389	38.95	ng		99
50) 2,6-Dinitrotoluene	12.06	165	52044	40.63	ng	#	67
51) Acenaphthene	12.38	154	204280	37.80	ng		99
52) 3-Nitroaniline	12.33	138	54592	36.15	ng		100
53) 2,4-Dinitrophenol	12.54	184	15910	37.46	ng		97
54) Dibenzofuran	12.66	168	271817	36.96	ng		100
55) 4-Nitrophenol	12.72	139	29797m	36.42	ng		
56) 2,4-Dinitrotoluene	12.72	165	69258	40.23	ng		97
57) Fluorene	13.21	166	239489	38.28	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.89	232	41717m	35.89	ng		
59) Diethylphthalate	13.12	149	249878	38.52	ng		100
60) 4-Chlorophenyl-phenylether	13.25	204	111399	39.62	ng		98
61) 4-Nitroaniline	13.33	138	48854	36.91	ng		96
62) Azobenzene	13.50	77	228643	34.37	ng		99
64) 4,6-Dinitro-2-methylphenol	13.38	198	34810	38.49	ng		98
65) n-Nitrosodiphenylamine	13.45	169	193063	36.52	ng		99
66) 4-Bromophenyl-phenylether	14.02	248	58983	38.92	ng		99
67) Hexachlorobenzene	14.09	284	59262	36.15	ng		92
68) Atrazine	14.37	200	53366	39.01	ng		99
69) Pentachlorophenol	14.45	266	22395	37.26	ng		98
70) Phenanthrene	14.75	178	316401	38.18	ng		99
71) Anthracene	14.83	178	339408	37.46	ng		100
72) Carbazole	15.12	167	282202	38.50	ng		100
73) Di-n-butylphthalate	15.71	149	371213	39.60	ng		100
74) Fluoranthene	16.51	202	319126	38.05	ng		99
76) Benzidine	16.75	184	108671	41.90	ng		98
77) Pyrene	16.81	202	311469	36.85	ng		99
79) Butylbenzylphthalate	17.74	149	130253	41.06	ng		99
80) Benzo(a)anthracene	18.40	228	209355	37.78	ng		99
81) 3,3'-Dichlorobenzidine	18.39	252	69759	40.17	ng		98
82) Chrysene	18.45	228	213171	37.31	ng		98
83) Bis(2-ethylhexyl)phthalate	18.49	149	177573	41.53	ng		99
84) Di-n-octyl phthalate	19.26	149	249176	38.44	ng		100
85) Indeno(1,2,3-cd)pyrene	21.26	276	187054	38.77	ng		99
87) Benzo(b)fluoranthene	19.66	252	176223	38.85	ng		99
88) Benzo(k)fluoranthene	19.69	252	162881m	36.57	ng		
89) Benzo(a)pyrene	20.01	252	159871	38.02	ng		98
90) Dibenzo(a,h)anthracene	21.27	278	153576	38.58	ng		98
91) Benzo(g,h,i)perylene	21.59	276	158010	37.88	ng		99

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

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