Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
Data File : BF078058.D
Acq On : 28 Mar 2015 3:07
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
3/30/2015 6:31:07 PM

Quant Time: Mar 28 06:35:16 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 28 05:39:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	56160	20.00	ng		0.00
21) Naphthalene-d8	8.65	136	234315	20.00	ng		0.00
38) Acenaphthene-d10	10.82	164	118660	20.00	ng		0.00
63) Phenanthrene-d10	12.65	188	233815	20.00	ng		-0.01
75) Chrysene-d12	15.93	240	249219	20.00	ng		0.00
86) Perylene-d12	17.63	264	262710	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	261013	81.13	ng		0.00
7) Phenol-d6	6.67	99	330518	83.15	ng		0.00
23) Nitrobenzene-d5	7.78	82	289400	80.96	ng		0.00
41) 2,4,6-Tribromophenol	11.80	330	85247	75.09	ng		0.00
44) 2-Fluorobiphenyl	10.00	172	601076	74.44	ng		0.00
78) Terphenyl-d14	14.65	244	755266	74.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.92	88	55714	38.14	ng	#	100
3) Pyridine	2.57	79	164566	41.93	ng		95
4) n-Nitrosodimethylamine	2.52	42	66945	39.17	ng		96
6) Aniline	6.67	93	224296	39.45	ng		93
8) 2-Chlorophenol	6.81	128	153234	40.01	ng		96
9) Benzaldehyde	6.52	77	83076	51.01	ng		91
10) Phenol	6.68	94	193771	41.24	ng	#	75
11) bis(2-Chloroethyl)ether	6.77	93	145437	41.32	ng		97
12) 1,3-Dichlorobenzene	6.99	146	166451	39.08	ng	#	96
13) 1,4-Dichlorobenzene	7.09	146	173721	39.25	ng		96
14) 1,2-Dichlorobenzene	7.28	146	158039	38.95	ng		94
15) Benzyl Alcohol	7.26	79	123237	39.72	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.45	45	193040	40.70	ng		98
17) 2-Methylphenol	7.42	107	123815	39.71	ng		95
18) Hexachloroethane	7.69	117	58943	40.61	ng	#	89
19) n-Nitroso-di-n-propylamine	7.61	70	111720	40.63	ng	#	89
20) 3+4-Methylphenols	7.62	107	169228	41.37	ng		93
22) Acetophenone	7.58	105	201737	38.89	ng	#	99
24) Nitrobenzene	7.80	77	154507	40.12	ng	#	77
25) Isophorone	8.10	82	295928	40.99	ng		98
26) 2-Nitrophenol	8.19	139	80227	42.55	ng		99
27) 2,4-Dimethylphenol	8.27	122	135221	39.37	ng		97
28) bis(2-Chloroethoxy)methane	8.38	93	180958	41.30	ng		98
29) 2,4-Dichlorophenol	8.50	162	131231	40.08	ng		96
30) 1,2,4-Trichlorobenzene	8.59	180	141508	38.63	ng		99
31) Naphthalene	8.68	128	484314	40.24	ng		99
32) Benzoic acid	8.40	122	70707	37.62	ng		99
33) 4-Chloroaniline	8.76	127	195683	40.07	ng	#	94
34) Hexachlorobutadiene	8.83	225	80793	38.91	ng		98
35) Caprolactam	9.21	113	39993	41.80	ng	#	79
36) 4-Chloro-3-methylphenol	9.38	107	131560	39.94	ng	#	82
37) 2-Methylnaphthalene	9.54	142	324406	40.13	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.75	216	135100	38.17	ng	#	100
40) Hexachlorocyclopentadiene	9.72	237	60630	36.03	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.89	196	93086	37.97	ng		97
43) 2,4,5-Trichlorophenol	9.95	196	102920	38.86	ng		97
45) 1,1'-Biphenyl	10.12	154	369907	39.00	ng		98
46) 2-Chloronaphthalene	10.13	162	293225	38.04	ng	#	92
47) 2-Nitroaniline	10.27	65	77470	40.47	ng	#	82
48) Acenaphthylene	10.65	152	492601	38.43	ng		99
49) Dimethylphthalate	10.51	163	333851	37.93	ng		98
50) 2,6-Dinitrotoluene	10.59	165	76037	41.68	ng	#	69
51) Acenaphthene	10.87	154	285879	38.90	ng		100
52) 3-Nitroaniline	10.79	138	81730	38.58	ng	#	78
53) 2,4-Dinitrophenol	10.92	184	18820	33.31	ng	#	83
54) Dibenzofuran	11.07	168	413319	37.92	ng		92
55) 4-Nitrophenol	11.03	139	59554	37.95	ng	#	81
56) 2,4-Dinitrotoluene	11.08	165	102902	43.26	ng	#	69
57) Fluorene	11.49	166	350103	38.68	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.23	232	77558	38.03	ng	#	100
59) Diethylphthalate	11.39	149	350607	40.89	ng		99
60) 4-Chlorophenyl-phenylether	11.51	204	155137	37.56	ng	#	84
61) 4-Nitroaniline	11.54	138	86731	41.07	ng		77
62) Azobenzene	11.70	77	324326	39.57	ng		90
64) 4,6-Dinitro-2-methylphenol	11.59	198	37534	35.25	ng	#	66
65) n-Nitrosodiphenylamine	11.67	169	310562	39.89	ng		99
66) 4-Bromophenyl-phenylether	12.11	248	96782	38.79	ng	#	86
67) Hexachlorobenzene	12.17	284	103440	37.73	ng	#	89
68) Atrazine	12.34	200	82083	37.62	ng		97
69) Pentachlorophenol	12.43	266	38163	28.63	ng		98
70) Phenanthrene	12.68	178	511877	38.14	ng		99
71) Anthracene	12.75	178	522790	39.42	ng		99
72) Carbazole	12.96	167	485457	38.48	ng		99
73) Di-n-butylphthalate	13.41	149	573709	40.56	ng		100
74) Fluoranthene	14.16	202	602150	40.67	ng		99
76) Benzidine	14.34	184	286992	46.64	ng		98
77) Pyrene	14.43	202	604813	38.59	ng		99
79) Butylbenzylphthalate	15.27	149	257281	41.64	ng	#	85
80) Benzo(a)anthracene	15.92	228	585189	39.61	ng		100
81) 3,3'-Dichlorobenzidine	15.91	252	207405	42.56	ng		99
82) Chrysene	15.96	228	542453	40.84	ng		99
83) Bis(2-ethylhexyl)phthalate	15.99	149	393289	42.02	ng	#	95
84) Di-n-octyl phthalate	16.77	149	686207	42.88	ng		99
85) Indeno(1,2,3-cd)pyrene	18.98	276	722924	43.60	ng	#	100
87) Benzo(b)fluoranthene	17.20	252	682130	39.77	ng		99
88) Benzo(k)fluoranthene	17.23	252	498432m	37.21	ng		
89) Benzo(a)pyrene	17.57	252	574051	40.11	ng		98
90) Dibenzo(a,h)anthracene	19.00	278	570590	40.20	ng		98
91) Benzo(g,h,i)perylene	19.38	276	577803	39.99	ng		95

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

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