Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
Data File : BF096564.D
Acq On : 7 Jul 2017 17:35
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
7/10/2017 2:22:29 PM

Quant Time: Jul 07 18:07:52 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	124278	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	521032	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	230546	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	414185	20.00	ng		0.00
75) Chrysene-d12	13.84	240	286365	20.00	ng		0.00
86) Perylene-d12	15.24	264	273306	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	638546	75.84	ng		0.00
7) Phenol-d6	6.34	99	782147	75.56	ng		0.00
23) Nitrobenzene-d5	7.26	82	671451	77.44	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	158282	87.89	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1090964	80.91	ng		0.00
78) Terphenyl-d14	12.80	244	1019840	76.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	151349	37.907	ng	#	77
3) Pyridine	3.05	79	390920	35.685	ng	#	66
4) n-Nitrosodimethylamine	3.00	42	207223	38.324	ng		84
6) Aniline	6.36	93	494193	36.938	ng		98
8) 2-Chlorophenol	6.49	128	350772	39.065	ng		98
9) Benzaldehyde	6.24	77	229349	35.403	ng		98
10) Phenol	6.35	94	437288	37.081	ng		77
11) bis(2-Chloroethyl)ether	6.44	93	329304	36.134	ng		93
12) 1,3-Dichlorobenzene	6.64	146	368269	39.116	ng		100
13) 1,4-Dichlorobenzene	6.72	146	374794	39.829	ng		95
14) 1,2-Dichlorobenzene	6.87	146	341578	39.534	ng		99
15) Benzyl Alcohol	6.85	79	261532	37.796	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.98	45	686714	37.065	ng		91
17) 2-Methylphenol	6.96	107	274879	38.413	ng		97
18) Hexachloroethane	7.22	117	132714	38.901	ng	#	87
19) n-Nitroso-di-n-propylamine	7.12	70	228034	36.978	ng	#	87
20) 3+4-Methylphenols	7.12	107	322512	40.407	ng		96
22) Acetophenone	7.11	105	439792	38.630	ng		95
24) Nitrobenzene	7.28	77	352385	38.740	ng		95
25) Isophorone	7.53	82	615193	36.593	ng		95
26) 2-Nitrophenol	7.60	139	197242	40.968	ng	#	89
27) 2,4-Dimethylphenol	7.65	122	316343	38.589	ng		95
28) bis(2-Chloroethoxy)methane	7.74	93	410664	37.004	ng		100
29) 2,4-Dichlorophenol	7.85	162	283283	40.051	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	270288	40.511	ng		99
31) Naphthalene	8.00	128	972479	39.536	ng		99
32) Benzoic acid	7.78	122	262928m	38.189	ng		
33) 4-Chloroaniline	8.05	127	405729	39.711	ng		97
34) Hexachlorobutadiene	8.13	225	142927	41.766	ng		97
35) Caprolactam	8.43	113	92102	37.762	ng	#	69
36) 4-Chloro-3-methylphenol	8.54	107	310820	39.715	ng		89
37) 2-Methylnaphthalene	8.69	142	629189	40.184	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	244807	40.895	ng		99
40) Hexachlorocyclopentadiene	8.85	237	106199	36.486	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	185673	39.208	ng		98
43) 2,4,5-Trichlorophenol	9.02	196	186776	39.890	ng		95
45) 1,1'-Biphenyl	9.16	154	782189	39.597	ng		97
46) 2-Chloronaphthalene	9.18	162	578126	39.272	ng	#	92
47) 2-Nitroaniline	9.27	65	204187	38.119	ng		94
48) Acenaphthylene	9.59	152	919425	39.416	ng		99
49) Dimethylphthalate	9.46	163	666441	38.723	ng		100
50) 2,6-Dinitrotoluene	9.52	165	151604	39.834	ng	#	89
51) Acenaphthene	9.77	154	536848	37.337	ng		100
52) 3-Nitroaniline	9.69	138	186020	39.188	ng		91
53) 2,4-Dinitrophenol	9.79	184	80271	39.710	ng	#	73
54) Dibenzofuran	9.94	168	750433	39.531	ng		100
55) 4-Nitrophenol	9.85	139	146783	37.307	ng	#	70
56) 2,4-Dinitrotoluene	9.92	165	199374	41.367	ng	#	81
57) Fluorene	10.28	166	565766	42.198	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	133174	41.110	ng		97
59) Diethylphthalate	10.16	149	636567	39.132	ng		98
60) 4-Chlorophenyl-phenylether	10.27	204	236714	40.579	ng		92
61) 4-Nitroaniline	10.30	138	179826	41.663	ng		90
62) Azobenzene	10.43	77	587181	37.329	ng		92
64) 4,6-Dinitro-2-methylphenol	10.33	198	108639	38.033	ng		80
65) n-Nitrosodiphenylamine	10.39	169	534572	36.785	ng		98
66) 4-Bromophenyl-phenylether	10.76	248	154265	38.261	ng		96
67) Hexachlorobenzene	10.83	284	175983	39.872	ng		97
68) Atrazine	10.92	200	164720	39.674	ng		95
69) Pentachlorophenol	11.02	266	105489	40.327	ng		98
70) Phenanthrene	11.23	178	862989	38.544	ng		99
71) Anthracene	11.29	178	891175	39.059	ng		99
72) Carbazole	11.44	167	900327	39.237	ng		99
73) Di-n-butylphthalate	11.78	149	1053647	37.912	ng		99
74) Fluoranthene	12.42	202	859458	39.152	ng		98
76) Benzidine	12.54	184	519083	37.777	ng		95
77) Pyrene	12.65	202	882161	38.379	ng		100
79) Butylbenzylphthalate	13.27	149	449872	38.663	ng	#	79
80) Benzo(a)anthracene	13.83	228	671928	40.519	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	280269	41.149	ng	#	96
82) Chrysene	13.87	228	689278	39.692	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	499144	38.431	ng		98
84) Di-n-octyl phthalate	14.44	149	966353	37.782	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.59	276	540329	39.418	ng		97
87) Benzo(b)fluoranthene	14.84	252	700583	40.909	ng		97
88) Benzo(k)fluoranthene	14.87	252	570544	37.245	ng		98
89) Benzo(a)pyrene	15.19	252	593594	38.824	ng		99
90) Dibenzo(a,h)anthracene	16.60	278	426233	35.436	ng		97
91) Benzo(g,h,i)perylene	16.99	276	424158	34.031	ng		97

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

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