Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
Data File : BF096590.D
Acq On : 10 Jul 2017 10:07
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/11/2017 1:34:57 PM

Quant Time: Jul 11 06:30:59 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	6.69	152	113480	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	481644	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	214884	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	370587	20.00	ng		-0.01
75) Chrysene-d12	13.83	240	270979	20.00	ng		-0.01
86) Perylene-d12	15.22	264	258025	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	589464	76.67	ng		-0.02
7) Phenol-d6	6.33	99	722771	76.47	ng		-0.02
23) Nitrobenzene-d5	7.25	82	627908	78.34	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	151766	90.42	ng		-0.01
44) 2-Fluorobiphenyl	9.05	172	1049368	83.50	ng		-0.01
78) Terphenyl-d14	12.78	244	976862	77.03	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	149296	40.95	ng	#	78
3) Pyridine	3.02	79	355606	35.55	ng	#	63
4) n-Nitrosodimethylamine	2.97	42	193261	39.14	ng		82
6) Aniline	6.35	93	457009	37.41	ng		98
8) 2-Chlorophenol	6.47	128	324213	39.54	ng		98
9) Benzaldehyde	6.23	77	196579	33.23	ng		99
10) Phenol	6.35	94	406966	37.79	ng	#	69
11) bis(2-Chloroethyl)ether	6.43	93	301848	36.27	ng		93
12) 1,3-Dichlorobenzene	6.63	146	343252	39.93	ng		99
13) 1,4-Dichlorobenzene	6.70	146	351379	40.89	ng		95
14) 1,2-Dichlorobenzene	6.86	146	317588	40.25	ng		99
15) Benzyl Alcohol	6.83	79	245279	38.82	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	615814	36.40	ng		91
17) 2-Methylphenol	6.95	107	252286	38.61	ng		98
18) Hexachloroethane	7.20	117	121256	38.92	ng	#	80
19) n-Nitroso-di-n-propylamine	7.11	70	211562	37.57	ng	#	85
20) 3+4-Methylphenols	7.10	107	301659	41.39	ng		97
22) Acetophenone	7.10	105	410079	38.97	ng		93
24) Nitrobenzene	7.27	77	322823	38.39	ng		93
25) Isophorone	7.52	82	571207	36.76	ng		94
26) 2-Nitrophenol	7.59	139	183581	41.25	ng	#	90
27) 2,4-Dimethylphenol	7.63	122	290656	38.35	ng		96
28) bis(2-Chloroethoxy)methane	7.73	93	379510	36.99	ng		99
29) 2,4-Dichlorophenol	7.83	162	267087	40.85	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	252266	40.90	ng		99
31) Naphthalene	7.99	128	900360	39.60	ng		100
32) Benzoic acid	7.77	122	247102m	38.83	ng		
33) 4-Chloroaniline	8.04	127	382985	40.55	ng		97
34) Hexachlorobutadiene	8.12	225	132037	41.74	ng		99
35) Caprolactam	8.42	113	88032m	39.05	ng		
36) 4-Chloro-3-methylphenol	8.53	107	288822	39.92	ng		89
37) 2-Methylnaphthalene	8.68	142	587576	40.60	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	229637	41.16	ng		99
40) Hexachlorocyclopentadiene	8.84	237	94922	34.99	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	174067	39.44	ng		98
43) 2,4,5-Trichlorophenol	9.00	196	175681	40.26	ng		95
45) 1,1'-Biphenyl	9.15	154	725989	39.43	ng		98
46) 2-Chloronaphthalene	9.17	162	540268	39.37	ng		93
47) 2-Nitroaniline	9.26	65	192975	38.65	ng		95
48) Acenaphthylene	9.58	152	869760	40.00	ng		99
49) Dimethylphthalate	9.45	163	642131	40.03	ng		100
50) 2,6-Dinitrotoluene	9.51	165	146168	41.21	ng	#	91
51) Acenaphthene	9.76	154	504331	37.63	ng		99
52) 3-Nitroaniline	9.67	138	178691	40.39	ng	#	90
53) 2,4-Dinitrophenol	9.78	184	76707	40.71	ng	#	75
54) Dibenzofuran	9.93	168	710120	40.13	ng		100
55) 4-Nitrophenol	9.84	139	139744	38.11	ng	#	70
56) 2,4-Dinitrotoluene	9.91	165	192087	42.76	ng	#	82
57) Fluorene	10.27	166	535172	42.83	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	126878	42.02	ng		97
59) Diethylphthalate	10.15	149	610630	40.27	ng		99
60) 4-Chlorophenyl-phenylether	10.26	204	223687	41.14	ng		92
61) 4-Nitroaniline	10.29	138	172511	42.88	ng		91
62) Azobenzene	10.42	77	540358	36.86	ng		93
64) 4,6-Dinitro-2-methylphenol	10.32	198	105522	41.29	ng		84
65) n-Nitrosodiphenylamine	10.38	169	510273	39.24	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	144273	39.99	ng		94
67) Hexachlorobenzene	10.82	284	163435	41.39	ng		97
68) Atrazine	10.91	200	143812	38.71	ng		94
69) Pentachlorophenol	11.01	266	93436	39.92	ng		100
70) Phenanthrene	11.22	178	795850	39.73	ng		99
71) Anthracene	11.27	178	812149	39.78	ng		98
72) Carbazole	11.43	167	817255	39.81	ng		99
73) Di-n-butylphthalate	11.77	149	946529	38.06	ng		99
74) Fluoranthene	12.40	202	796655	40.56	ng		99
76) Benzidine	12.53	184	446534	34.34	ng	#	94
77) Pyrene	12.63	202	828313	38.08	ng		100
79) Butylbenzylphthalate	13.26	149	404029	36.69	ng	#	80
80) Benzo(a)anthracene	13.82	228	630019	40.15	ng		97
81) 3,3'-Dichlorobenzidine	13.78	252	270462	41.96	ng	#	97
82) Chrysene	13.86	228	661586	40.26	ng		99
83) Bis(2-ethylhexyl)phthalate	13.82	149	470293	38.27	ng		99
84) Di-n-octyl phthalate	14.43	149	941980	38.92	ng		95
85) Indeno(1,2,3-cd)pyrene	16.57	276	543657	41.91	ng		100
87) Benzo(b)fluoranthene	14.83	252	619784	38.33	ng		98
88) Benzo(k)fluoranthene	14.86	252	580251	40.12	ng	#	96
89) Benzo(a)pyrene	15.17	252	571173	39.57	ng		99
90) Dibenzo(a,h)anthracene	16.58	278	442094	38.93	ng		98
91) Benzo(g,h,i)perylene	16.97	276	447773	38.05	ng		96

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

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