Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF062217\
Data File : BF096138.D
Acq On : 23 Jun 2017 00:24
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 100 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/26/2017 8:28:18 AM

Quant Time: Jun 23 02:01:39 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	96988	20.00	ng		-0.02
21) Naphthalene-d8	9.31	136	384422	20.00	ng		-0.02
38) Acenaphthene-d10	12.13	164	161698	20.00	ng		-0.02
63) Phenanthrene-d10	14.53	188	249651	20.00	ng		-0.01
75) Chrysene-d12	18.27	240	184963	20.00	ng		0.00
86) Perylene-d12	19.94	264	164885	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	510806	83.92	ng		-0.02
7) Phenol-d6	6.86	99	580217	79.63	ng		-0.01
23) Nitrobenzene-d5	8.21	82	513661	82.98	ng		-0.01
41) 2,4,6-Tribromophenol	13.43	330	104622	73.13	ng		-0.02
44) 2-Fluorobiphenyl	11.10	172	932667	80.27	ng		-0.01
78) Terphenyl-d14	16.92	244	602323	80.82	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.58	88	144358m	49.86	ng		
3) Pyridine	2.10	79	303300	44.57	ng		98
4) n-Nitrosodimethylamine	2.08	42	114706	44.34	ng		82
6) Aniline	6.78	93	385980	40.49	ng		94
8) 2-Chlorophenol	6.97	128	268186	41.44	ng		95
9) Benzaldehyde	6.59	77	187187	38.08	ng		97
10) Phenol	6.87	94	321371	42.52	ng		91
11) bis(2-Chloroethyl)ether	6.93	93	252752	42.21	ng		95
12) 1,3-Dichlorobenzene	7.17	146	294166	40.16	ng		98
13) 1,4-Dichlorobenzene	7.30	146	306771	41.30	ng		98
14) 1,2-Dichlorobenzene	7.54	146	280817	41.01	ng		95
15) Benzyl Alcohol	7.60	79	208115	41.61	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.77	45	354020	42.08	ng		100
17) 2-Methylphenol	7.84	107	228955	42.16	ng		93
18) Hexachloroethane	8.05	117	92977	37.90	ng	#	87
19) n-Nitroso-di-n-propylamine	8.03	70	193123	41.82	ng		92
20) 3+4-Methylphenols	8.09	107	308377	44.73	ng	#	56
22) Acetophenone	7.98	105	377928	42.00	ng	#	84
24) Nitrobenzene	8.24	77	274874	41.57	ng		91
25) Isophorone	8.64	82	472093	40.85	ng		95
26) 2-Nitrophenol	8.75	139	129492	37.40	ng		98
27) 2,4-Dimethylphenol	8.90	122	229130	42.64	ng		99
28) bis(2-Chloroethoxy)methane	9.02	93	321554	42.21	ng		99
29) 2,4-Dichlorophenol	9.19	162	208868	40.36	ng		98
30) 1,2,4-Trichlorobenzene	9.25	180	215680	40.05	ng		99
31) Naphthalene	9.35	128	773898	40.11	ng		100
32) Benzoic acid	9.27	122	85309m	27.81	ng		
33) 4-Chloroaniline	9.50	127	313661	41.60	ng	#	92
34) Hexachlorobutadiene	9.56	225	113178	40.68	ng		98
35) Caprolactam	10.16	113	62238	40.42	ng		88
36) 4-Chloro-3-methylphenol	10.39	107	218756	40.38	ng		89
37) 2-Methylnaphthalene	10.47	142	517314	39.69	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.76	216	203059	41.96	ng		98
40) Hexachlorocyclopentadiene	10.72	237	1817	12.27	ng		84

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.00	196	128315	41.24	ng		98
43) 2,4,5-Trichlorophenol	11.10	196	122734	37.08	ng		96
45) 1,1'-Biphenyl	11.24	154	556540	41.76	ng		98
46) 2-Chloronaphthalene	11.26	162	418318	40.17	ng		95
47) 2-Nitroaniline	11.49	65	129309	42.44	ng	#	78
48) Acenaphthylene	11.90	152	672708	37.78	ng		99
49) Dimethylphthalate	11.81	163	498288	40.59	ng		98
50) 2,6-Dinitrotoluene	11.90	165	98431	36.76	ng	#	61
51) Acenaphthene	12.19	154	402258	39.12	ng		99
52) 3-Nitroaniline	12.17	138	130351	41.78	ng		92
53) 2,4-Dinitrophenol	12.48	184	6168m	10.21	ng		
54) Dibenzofuran	12.47	168	568603	39.29	ng		98
55) 4-Nitrophenol	12.64	139	49059m	30.00	ng		
56) 2,4-Dinitrotoluene	12.58	165	143736	39.74	ng	#	91
57) Fluorene	13.03	166	484650	38.48	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.74	232	81116	35.82	ng	#	91
59) Diethylphthalate	12.94	149	490839	41.54	ng		99
60) 4-Chlorophenyl-phenylether	13.06	204	215171	39.28	ng		91
61) 4-Nitroaniline	13.17	138	117983	40.50	ng		96
62) Azobenzene	13.32	77	416625	38.91	ng		94
64) 4,6-Dinitro-2-methylphenol	13.29	198	14968	9.12	ng		84
65) n-Nitrosodiphenylamine	13.27	169	402377	44.85	ng		99
66) 4-Bromophenyl-phenylether	13.84	248	114609	44.17	ng		96
67) Hexachlorobenzene	13.93	284	111036	43.43	ng	#	91
68) Atrazine	14.20	200	106174	42.53	ng		97
69) Pentachlorophenol	14.32	266	17950	23.59	ng		94
70) Phenanthrene	14.57	178	589606	40.93	ng		98
71) Anthracene	14.65	178	615278	40.91	ng		97
72) Carbazole	14.96	167	608269	41.51	ng		97
73) Di-n-butylphthalate	15.55	149	727722	46.67	ng		98
74) Fluoranthene	16.36	202	542432	38.05	ng		99
76) Benzidine	16.60	184	251261	35.37	ng	#	93
77) Pyrene	16.66	202	548934	39.77	ng		98
79) Butylbenzylphthalate	17.59	149	249650	41.42	ng		89
80) Benzo(a)anthracene	18.26	228	434593	40.41	ng		97
81) 3,3'-Dichlorobenzidine	18.24	252	161920	42.35	ng	#	96
82) Chrysene	18.30	228	439221	40.87	ng		99
83) Bis(2-ethylhexyl)phthalate	18.34	149	354747	41.72	ng		100
84) Di-n-octyl phthalate	19.11	149	589101	42.05	ng		96
85) Indeno(1,2,3-cd)pyrene	21.10	276	354493	38.55	ng		99
87) Benzo(b)fluoranthene	19.53	252	398340	38.58	ng		98
88) Benzo(k)fluoranthene	19.56	252	436129	44.19	ng		95
89) Benzo(a)pyrene	19.89	252	390468	41.15	ng		99
90) Dibenzo(a,h)anthracene	21.10	278	311289	38.67	ng		98
91) Benzo(g,h,i)perylene	21.42	276	295702	36.03	ng		100

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

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