Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF062917\
Data File : BF096296.D
Acq On : 29 Jun 2017 17:19
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/30/2017 2:51:53 PM

Quant Time: Jun 30 02:15:59 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:41:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	183495	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	772202	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	329752	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	546599	20.00	ng		0.00
75) Chrysene-d12	13.92	240	393018	20.00	ng		0.00
86) Perylene-d12	15.34	264	342672	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1049906	82.43	ng		0.00
7) Phenol-d6	6.40	99	1296354	84.06	ng		0.01
23) Nitrobenzene-d5	7.33	82	1051252	94.24	ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	284818	109.75	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	1601396	88.94	ng		-0.02
78) Terphenyl-d14	12.87	244	1275643	80.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	252481	41.56	ng	#	80
3) Pyridine	3.19	79	700605	42.05	ng	#	73
4) n-Nitrosodimethylamine	3.13	42	342786	41.59	ng		90
6) Aniline	6.43	93	870022	40.92	ng		98
8) 2-Chlorophenol	6.56	128	528306	42.27	ng		93
9) Benzaldehyde	6.32	77	394157	42.95	ng		96
10) Phenol	6.42	94	714392	42.14	ng		93
11) bis(2-Chloroethyl)ether	6.51	93	566692	40.85	ng		92
12) 1,3-Dichlorobenzene	6.72	146	562640	40.85	ng		99
13) 1,4-Dichlorobenzene	6.79	146	571493	41.33	ng		95
14) 1,2-Dichlorobenzene	6.95	146	515167	40.90	ng		98
15) Benzyl Alcohol	6.92	79	447176	42.97	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1180998	40.30	ng		92
17) 2-Methylphenol	7.03	107	453896	41.88	ng		96
18) Hexachloroethane	7.29	117	210792	42.27	ng	#	83
19) n-Nitroso-di-n-propylamine	7.19	70	370681	40.12	ng	#	87
20) 3+4-Methylphenols	7.18	107	507761	41.08	ng		97
22) Acetophenone	7.19	105	653740	40.73	ng	#	96
24) Nitrobenzene	7.36	77	575070	46.56	ng		92
25) Isophorone	7.60	82	1031625	40.72	ng		97
26) 2-Nitrophenol	7.67	139	287556	50.27	ng	#	83
27) 2,4-Dimethylphenol	7.71	122	473873	41.40	ng		95
28) bis(2-Chloroethoxy)methane	7.81	93	689135	40.16	ng		99
29) 2,4-Dichlorophenol	7.91	162	423502	43.38	ng		96
30) 1,2,4-Trichlorobenzene	8.00	180	398896	41.17	ng		98
31) Naphthalene	8.08	128	1515212	40.71	ng		100
32) Benzoic acid	7.83	122	316038	40.66	ng		92
33) 4-Chloroaniline	8.12	127	640695	41.58	ng		99
34) Hexachlorobutadiene	8.20	225	203446	42.32	ng		97
35) Caprolactam	8.50	113	149436	44.29	ng	#	64
36) 4-Chloro-3-methylphenol	8.60	107	447165	42.10	ng		88
37) 2-Methylnaphthalene	8.77	142	977756	40.44	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	337476	42.28	ng		98
40) Hexachlorocyclopentadiene	8.93	237	175316	48.99	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	263402	43.77	ng		98
43) 2,4,5-Trichlorophenol	9.09	196	280988	44.30	ng		94
45) 1,1'-Biphenyl	9.23	154	1068208	42.22	ng		97
46) 2-Chloronaphthalene	9.26	162	850072	40.50	ng		94
47) 2-Nitroaniline	9.35	65	334049	50.40	ng		98
48) Acenaphthylene	9.67	152	1424226	40.90	ng		99
49) Dimethylphthalate	9.53	163	967723	41.01	ng		100
50) 2,6-Dinitrotoluene	9.59	165	227362	46.32	ng	#	85
51) Acenaphthene	9.85	154	850449	41.50	ng		98
52) 3-Nitroaniline	9.76	138	297505	47.32	ng		94
53) 2,4-Dinitrophenol	9.86	184	111715	59.93	ng	#	71
54) Dibenzofuran	10.02	168	1129611	42.21	ng		99
55) 4-Nitrophenol	9.92	139	236872	46.60	ng	#	72
56) 2,4-Dinitrotoluene	9.99	165	304092	49.15	ng	#	80
57) Fluorene	10.36	166	816747	45.51	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	195093	44.03	ng		100
59) Diethylphthalate	10.23	149	941987	39.75	ng		100
60) 4-Chlorophenyl-phenylether	10.35	204	336214	44.05	ng		95
61) 4-Nitroaniline	10.37	138	255275	46.68	ng		87
62) Azobenzene	10.51	77	961277	40.23	ng		94
64) 4,6-Dinitro-2-methylphenol	10.40	198	152685	52.28	ng		81
65) n-Nitrosodiphenylamine	10.47	169	779115	39.63	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	230836	41.04	ng		95
67) Hexachlorobenzene	10.91	284	254384	43.99	ng		95
68) Atrazine	10.99	200	215018	41.46	ng		93
69) Pentachlorophenol	11.09	266	162470	49.23	ng		98
70) Phenanthrene	11.32	178	1221176	44.46	ng		100
71) Anthracene	11.37	178	1260408	41.26	ng		99
72) Carbazole	11.52	167	1345931	39.91	ng		99
73) Di-n-butylphthalate	11.86	149	1439345	40.42	ng		99
74) Fluoranthene	12.50	202	1217776	40.11	ng		96
76) Benzidine	12.62	184	555514	37.70	ng	#	94
77) Pyrene	12.73	202	1247308	38.62	ng		98
79) Butylbenzylphthalate	13.35	149	599751	40.52	ng	#	85
80) Benzo(a)anthracene	13.91	228	881144	36.78	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	370125	40.57	ng	#	97
82) Chrysene	13.95	228	913542	36.87	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	614341	38.19	ng	#	99
84) Di-n-octyl phthalate	14.52	149	1196906	36.13	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.74	276	831006	40.40	ng		100
87) Benzo(b)fluoranthene	14.94	252	853957m	37.94	ng		
88) Benzo(k)fluoranthene	14.97	252	808224	39.33	ng		96
89) Benzo(a)pyrene	15.29	252	775230	38.99	ng		98
90) Dibenzo(a,h)anthracene	16.76	278	683350	43.89	ng		97
91) Benzo(g,h,i)perylene	17.16	276	725989	44.86	ng		98

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

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