Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062717\
Data File : BF096217.D
Acq On : 27 Jun 2017 15:41
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
6/30/2017 12:46:18 PM

Quant Time: Jun 28 15:59:04 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	6.78	152	213230	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	920541	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	389301	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	638094	20.00	ng		0.00
75) Chrysene-d12	13.93	240	428960	20.00	ng		0.01
86) Perylene-d12	15.34	264	440714	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1180071	79.73	ng		0.01
7) Phenol-d6	6.41	99	1437779	80.23	ng		0.02
23) Nitrobenzene-d5	7.35	82	1141435	85.84	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	256861	83.84	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1800768	84.71	ng		-0.01
78) Terphenyl-d14	12.87	244	1360687	79.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	288496	40.866	ng	#	80
3) Pyridine	3.21	79	819879	42.342	ng	#	73
4) n-Nitrosodimethylamine	3.16	42	396475	41.393	ng		87
6) Aniline	6.45	93	983405	39.800	ng		99
8) 2-Chlorophenol	6.56	128	587986	40.488	ng		89
9) Benzaldehyde	6.33	77	450813	42.008	ng		98
10) Phenol	6.42	94	813111	41.271	ng		96
11) bis(2-Chloroethyl)ether	6.52	93	645084	40.015	ng		91
12) 1,3-Dichlorobenzene	6.72	146	639845	39.973	ng		98
13) 1,4-Dichlorobenzene	6.80	146	638523	39.741	ng		95
14) 1,2-Dichlorobenzene	6.95	146	582822	39.817	ng		99
15) Benzyl Alcohol	6.92	79	501214	41.447	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1364502	40.067	ng		91
17) 2-Methylphenol	7.03	107	513770	40.791	ng		98
18) Hexachloroethane	7.30	117	243818	42.077	ng	#	78
19) n-Nitroso-di-n-propylamine	7.20	70	438821	40.871	ng	#	83
20) 3+4-Methylphenols	7.19	107	574290	39.981	ng		96
22) Acetophenone	7.19	105	753408	39.380	ng	#	96
24) Nitrobenzene	7.36	77	649147	44.086	ng		93
25) Isophorone	7.60	82	1194062	39.539	ng		98
26) 2-Nitrophenol	7.67	139	292768	43.818	ng	#	84
27) 2,4-Dimethylphenol	7.72	122	537815	39.414	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	787549	38.498	ng		100
29) 2,4-Dichlorophenol	7.92	162	474187	40.744	ng		95
30) 1,2,4-Trichlorobenzene	8.00	180	451341	39.076	ng		98
31) Naphthalene	8.09	128	1715261	38.660	ng		100
32) Benzoic acid	7.83	122	394326	42.148	ng		92
33) 4-Chloroaniline	8.13	127	730328	39.764	ng		99
34) Hexachlorobutadiene	8.21	225	222205	38.778	ng		96
35) Caprolactam	8.50	113	168905	41.997	ng	#	51
36) 4-Chloro-3-methylphenol	8.61	107	506792	40.024	ng		90
37) 2-Methylnaphthalene	8.77	142	1107995	38.444	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	358286	38.020	ng		98
40) Hexachlorocyclopentadiene	8.93	237	184186	43.600	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	288145	40.561	ng		97
43) 2,4,5-Trichlorophenol	9.09	196	312600	41.750	ng		98
45) 1,1'-Biphenyl	9.24	154	1198342	40.119	ng		96
46) 2-Chloronaphthalene	9.26	162	965406	38.963	ng	#	92
47) 2-Nitroaniline	9.35	65	352275	45.015	ng		98
48) Acenaphthylene	9.67	152	1605412	39.048	ng		99
49) Dimethylphthalate	9.54	163	1097172	39.381	ng		100
50) 2,6-Dinitrotoluene	9.59	165	251728	43.437	ng	#	70
51) Acenaphthene	9.85	154	937948	38.764	ng		99
52) 3-Nitroaniline	9.76	138	318960	42.975	ng		94
53) 2,4-Dinitrophenol	9.86	184	87116	45.041	ng	#	76
54) Dibenzofuran	10.02	168	1254306	39.699	ng		99
55) 4-Nitrophenol	9.91	139	261701	43.609	ng	#	64
56) 2,4-Dinitrotoluene	9.99	165	324793	44.467	ng	#	71
57) Fluorene	10.36	166	901813	41.867	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	219173	41.899	ng		97
59) Diethylphthalate	10.24	149	1100510	39.339	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	376019	40.984	ng		92
61) 4-Nitroaniline	10.37	138	271438	42.041	ng		91
62) Azobenzene	10.52	77	1110192	39.353	ng		94
64) 4,6-Dinitro-2-methylphenol	10.40	198	140361	43.026	ng		81
65) n-Nitrosodiphenylamine	10.47	169	882416	38.451	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	255906	38.974	ng		95
67) Hexachlorobenzene	10.91	284	269813	39.972	ng	#	88
68) Atrazine	11.00	200	241935	39.958	ng		95
69) Pentachlorophenol	11.10	266	170919	44.360	ng		97
70) Phenanthrene	11.32	178	1369747	42.352	ng		99
71) Anthracene	11.37	178	1405526	39.416	ng		99
72) Carbazole	11.52	167	1491311	37.883	ng		99
73) Di-n-butylphthalate	11.86	149	1643683	39.543	ng		99
74) Fluoranthene	12.50	202	1377801	38.871	ng		97
76) Benzidine	12.62	184	696858	43.330	ng		98
77) Pyrene	12.73	202	1418056	40.225	ng		99
79) Butylbenzylphthalate	13.35	149	697015	43.147	ng	#	76
80) Benzo(a)anthracene	13.91	228	1064796	40.721	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	441621	44.351	ng		98
82) Chrysene	13.95	228	1120425	41.429	ng		100
83) Bis(2-ethylhexyl)phthalate	13.92	149	764366	43.538	ng		97
84) Di-n-octyl phthalate	14.53	149	1582610	43.765	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.73	276	929225	41.392	ng		96
87) Benzo(b)fluoranthene	14.94	252	1097418m	37.905	ng		
88) Benzo(k)fluoranthene	14.97	252	1051775	39.794	ng		96
89) Benzo(a)pyrene	15.29	252	1008632	39.444	ng		97
90) Dibenzo(a,h)anthracene	16.76	278	798492	39.880	ng		96
91) Benzo(g,h,i)perylene	17.16	276	793730	38.138	ng		99

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

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