Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\
Data File : BN000714.D
Acq On : 09 Apr 2018 17:59
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/10/2018 3:38:22 PM

Quant Time: Apr 10 04:53:52 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN040918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 09 13:41:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	180741	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	807563	20.00	ng		0.00
38) Acenaphthene-d10	14.27	164	443245	20.00	ng		0.00
63) Phenanthrene-d10	17.02	188	908229	20.00	ng		0.00
75) Chrysene-d12	21.23	240	842741	20.00	ng		0.00
86) Perylene-d12	23.42	264	773062	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	957906	78.26	ng		0.00
7) Phenol-d6	6.82	99	1363342	81.81	ng		0.00
23) Nitrobenzene-d5	8.78	82	1264546	82.86	ng		0.00
41) 2,4,6-Tribromophenol	15.76	330	378641	86.89	ng		0.00
44) 2-Fluorobiphenyl	12.89	172	2393762	74.43	ng		0.00
78) Terphenyl-d14	19.67	244	2920538	75.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	206876	36.839	ng		96
3) Pyridine	3.63	79	610546	40.283	ng		98
4) n-Nitrosodimethylamine	3.55	42	167021	40.686	ng	#	81
6) Aniline	6.98	93	902708	40.583	ng		94
8) 2-Chlorophenol	7.20	128	504053	39.869	ng		91
9) Benzaldehyde	6.79	77	321550	38.042	ng		95
10) Phenol	6.85	94	712388	40.205	ng		86
11) bis(2-Chloroethyl)ether	7.08	93	579700	39.822	ng		85
12) 1,3-Dichlorobenzene	7.53	146	564547	38.528	ng		99
13) 1,4-Dichlorobenzene	7.67	146	573744	38.651	ng		97
14) 1,2-Dichlorobenzene	7.98	146	555445	38.968	ng		96
15) Benzyl Alcohol	7.88	79	496235	43.720	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.17	45	628307	39.786	ng		80
17) 2-Methylphenol	8.08	107	493446	41.767	ng		96
18) Hexachloroethane	8.70	117	218980	40.024	ng	#	83
19) n-Nitroso-di-n-propylamine	8.45	70	452151	43.409	ng	#	83
20) 3+4-Methylphenols	8.40	107	689321	42.510	ng		93
22) Acetophenone	8.45	105	927188	39.875	ng	#	88
24) Nitrobenzene	8.82	77	673326	40.633	ng	#	96
25) Isophorone	9.35	82	1208524	42.898	ng		99
26) 2-Nitrophenol	9.52	139	273803	41.742	ng		94
27) 2,4-Dimethylphenol	9.59	122	460503	41.214	ng		96
28) bis(2-Chloroethoxy)methane	9.83	93	748667	40.392	ng		97
29) 2,4-Dichlorophenol	10.05	162	450772	41.556	ng		96
30) 1,2,4-Trichlorobenzene	10.27	180	505011	38.647	ng		98
31) Naphthalene	10.45	128	1695782	38.863	ng		98
32) Benzoic acid	9.76	122	411798	41.121	ng		95
33) 4-Chloroaniline	10.56	127	733477	41.358	ng		97
34) Hexachlorobutadiene	10.75	225	271058	38.566	ng		96
35) Caprolactam	11.35	113	168792	47.679	ng		97
36) 4-Chloro-3-methylphenol	11.69	107	565558	43.820	ng		99
37) 2-Methylnaphthalene	12.07	142	1147786	40.196	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.45	216	511178	37.506	ng	#	97
40) Hexachlorocyclopentadiene	12.43	237	299770	39.439	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.69	196	331234	41.102	ng		100
43) 2,4,5-Trichlorophenol	12.76	196	381451	40.727	ng	#	94
45) 1,1'-Biphenyl	13.10	154	1513479	38.035	ng		96
46) 2-Chloronaphthalene	13.13	162	1134552	37.939	ng		96
47) 2-Nitroaniline	13.34	65	369087	43.517	ng		90
48) Acenaphthylene	13.99	152	1875726	39.806	ng		98
49) Dimethylphthalate	13.74	163	1445101	40.956	ng		99
50) 2,6-Dinitrotoluene	13.85	165	306775	41.988	ng		93
51) Acenaphthene	14.33	154	1122891	38.566	ng		99
52) 3-Nitroaniline	14.17	138	361048	43.149	ng	#	97
53) 2,4-Dinitrophenol	14.37	184	151067	42.509	ng		95
54) Dibenzofuran	14.67	168	1617488	38.643	ng		95
55) 4-Nitrophenol	14.48	139	281549	44.208	ng		86
56) 2,4-Dinitrotoluene	14.64	165	418377	44.103	ng		92
57) Fluorene	15.32	166	1299608	39.312	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.89	232	303655m	41.842	ng		
59) Diethylphthalate	15.12	149	1470443	42.406	ng		98
60) 4-Chlorophenyl-phenylether	15.33	204	594858	38.489	ng		93
61) 4-Nitroaniline	15.35	138	366988	44.997	ng		94
62) Azobenzene	15.62	77	1579556	41.275	ng		89
64) 4,6-Dinitro-2-methylphenol	15.40	198	234670	43.363	ng		88
65) n-Nitrosodiphenylamine	15.54	169	1175807	38.794	ng		97
66) 4-Bromophenyl-phenylether	16.22	248	352906	38.859	ng	#	86
67) Hexachlorobenzene	16.32	284	407729	38.885	ng	#	91
68) Atrazine	16.50	200	370277	44.151	ng		95
69) Pentachlorophenol	16.66	266	283645	41.661	ng		99
70) Phenanthrene	17.06	178	2031270	38.479	ng		99
71) Anthracene	17.15	178	2034607	39.517	ng		99
72) Carbazole	17.42	167	1994849	40.895	ng		97
73) Di-n-butylphthalate	18.01	149	2468199	43.515	ng		99
74) Fluoranthene	19.08	202	2177807	41.217	ng		92
76) Benzidine	19.27	184	1101981	47.835	ng	#	95
77) Pyrene	19.45	202	2298954	38.167	ng		99
79) Butylbenzylphthalate	20.38	149	1079838	41.163	ng		94
80) Benzo(a)anthracene	21.21	228	2073354	39.098	ng		99
81) 3,3'-Dichlorobenzidine	21.15	252	700526	43.354	ng	#	96
82) Chrysene	21.26	228	1981828	38.316	ng		98
83) Bis(2-ethylhexyl)phthalate	21.17	149	1644412	43.294	ng	#	94
84) Di-n-octyl phthalate	22.06	149	2427485	45.582	ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.27	276	1414002	32.157	ng	#	91
87) Benzo(b)fluoranthene	22.77	252	1894586	40.383	ng	#	95
88) Benzo(k)fluoranthene	22.82	252	1859922	39.444	ng	#	95
89) Benzo(a)pyrene	23.33	252	1732284	40.420	ng	#	94
90) Dibenzo(a,h)anthracene	25.63	278	1521729	36.020	ng	#	92
91) Benzo(g,h,i)perylene	26.27	276	1414002	34.480	ng	#	89

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

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