Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
Data File : BN000759.D
Acq On : 19 Apr 2018 02:35
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/19/2018 5:43:08 PM

Quant Time: Apr 19 05:59:24 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN041818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 18 16:58:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	122681	20.00	ng		0.00
21) Naphthalene-d8	10.39	136	510541	20.00	ng		0.00
38) Acenaphthene-d10	14.26	164	262497	20.00	ng		0.00
63) Phenanthrene-d10	17.00	188	525707	20.00	ng		0.00
75) Chrysene-d12	21.22	240	499426	20.00	ng		0.00
86) Perylene-d12	23.40	264	527964	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	690563	83.62	ng		0.00
7) Phenol-d6	6.81	99	920521	81.79	ng		0.00
23) Nitrobenzene-d5	8.78	82	820865	83.82	ng		0.00
41) 2,4,6-Tribromophenol	15.75	330	231744	87.70	ng		0.00
44) 2-Fluorobiphenyl	12.88	172	1551647	81.60	ng		0.00
78) Terphenyl-d14	19.66	244	1796547	77.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	153816	40.606	ng		94
3) Pyridine	3.62	79	423268	42.420	ng		98
4) n-Nitrosodimethylamine	3.55	42	114078	41.574	ng	#	82
6) Aniline	6.97	93	601654	40.296	ng		93
8) 2-Chlorophenol	7.20	128	348253	40.774	ng		90
9) Benzaldehyde	6.78	77	210552	39.994	ng		93
10) Phenol	6.83	94	480401	40.497	ng		87
11) bis(2-Chloroethyl)ether	7.07	93	387303	39.907	ng		84
12) 1,3-Dichlorobenzene	7.52	146	407578	41.086	ng		100
13) 1,4-Dichlorobenzene	7.66	146	413028	41.009	ng		97
14) 1,2-Dichlorobenzene	7.98	146	389446	40.510	ng		95
15) Benzyl Alcohol	7.87	79	316779	40.924	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.16	45	404552	39.249	ng		79
17) 2-Methylphenol	8.07	107	323983	40.626	ng		95
18) Hexachloroethane	8.69	117	152956	41.212	ng	#	80
19) n-Nitroso-di-n-propylamine	8.43	70	280957	40.131	ng	#	82
20) 3+4-Methylphenols	8.39	107	442623	40.386	ng		95
22) Acetophenone	8.44	105	595294	40.692	ng	#	87
24) Nitrobenzene	8.82	77	434363	41.362	ng	#	95
25) Isophorone	9.34	82	726454	40.938	ng		98
26) 2-Nitrophenol	9.52	139	174783	40.626	ng		93
27) 2,4-Dimethylphenol	9.59	122	288149	41.027	ng		97
28) bis(2-Chloroethoxy)methane	9.82	93	464656	40.164	ng		98
29) 2,4-Dichlorophenol	10.05	162	289472	41.854	ng		96
30) 1,2,4-Trichlorobenzene	10.26	180	342163	41.046	ng		98
31) Naphthalene	10.45	128	1117725	40.721	ng		98
32) Benzoic acid	9.73	122	234908	36.947	ng		93
33) 4-Chloroaniline	10.55	127	461496	41.176	ng		97
34) Hexachlorobutadiene	10.73	225	187640	41.444	ng		96
35) Caprolactam	11.33	113	99017	41.381	ng		97
36) 4-Chloro-3-methylphenol	11.68	107	343343	42.046	ng		98
37) 2-Methylnaphthalene	12.06	142	730372	40.619	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	336330	41.316	ng	#	97
40) Hexachlorocyclopentadiene	12.42	237	199976	41.890	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	210236	42.579	ng		99
43) 2,4,5-Trichlorophenol	12.75	196	243520	42.701	ng	#	92
45) 1,1'-Biphenyl	13.09	154	954818	40.638	ng		97
46) 2-Chloronaphthalene	13.13	162	718524	40.786	ng		97
47) 2-Nitroaniline	13.33	65	212552	41.590	ng		86
48) Acenaphthylene	13.98	152	1162908	41.642	ng		98
49) Dimethylphthalate	13.73	163	863566	41.167	ng		99
50) 2,6-Dinitrotoluene	13.84	165	182938	41.173	ng		93
51) Acenaphthene	14.33	154	686125	40.307	ng		99
52) 3-Nitroaniline	14.17	138	212461	42.014	ng	#	93
53) 2,4-Dinitrophenol	14.37	184	86616	40.518	ng		98
54) Dibenzofuran	14.66	168	1002211	40.447	ng		96
55) 4-Nitrophenol	14.47	139	162058	43.157	ng	#	85
56) 2,4-Dinitrotoluene	14.63	165	245887	42.270	ng		93
57) Fluorene	15.32	166	806605	41.175	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.89	232	185915m	42.410	ng		
59) Diethylphthalate	15.10	149	865109	41.612	ng		97
60) 4-Chlorophenyl-phenylether	15.32	204	372706	40.701	ng		92
61) 4-Nitroaniline	15.33	138	215244	43.269	ng		95
62) Azobenzene	15.61	77	921445	41.392	ng		89
64) 4,6-Dinitro-2-methylphenol	15.39	198	135800	41.822	ng		88
65) n-Nitrosodiphenylamine	15.53	169	708873	40.162	ng		95
66) 4-Bromophenyl-phenylether	16.21	248	216201	40.480	ng	#	89
67) Hexachlorobenzene	16.32	284	247795	40.071	ng		94
68) Atrazine	16.49	200	210968	44.121	ng		95
69) Pentachlorophenol	16.66	266	164928	41.275	ng		99
70) Phenanthrene	17.05	178	1224881	40.231	ng		100
71) Anthracene	17.14	178	1218723	40.872	ng		98
72) Carbazole	17.41	167	1184680	42.278	ng		96
73) Di-n-butylphthalate	18.00	149	1390288	43.542	ng		98
74) Fluoranthene	19.07	202	1321796	43.073	ng		94
76) Benzidine	19.26	184	610451	45.133	ng		95
77) Pyrene	19.44	202	1391652	38.683	ng		100
79) Butylbenzylphthalate	20.37	149	613098	40.453	ng		97
80) Benzo(a)anthracene	21.20	228	1297250	41.215	ng		98
81) 3,3'-Dichlorobenzidine	21.14	252	437598	44.167	ng	#	98
82) Chrysene	21.25	228	1241872	40.756	ng		97
83) Bis(2-ethylhexyl)phthalate	21.16	149	948085	40.953	ng	#	94
84) Di-n-octyl phthalate	22.03	149	1429277	43.151	ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.25	276	1231395	46.987	ng	#	91
87) Benzo(b)fluoranthene	22.76	252	1271925	39.649	ng	#	95
88) Benzo(k)fluoranthene	22.80	252	1293462	40.485	ng	#	96
89) Benzo(a)pyrene	23.31	252	1215976	41.539	ng	#	94
90) Dibenzo(a,h)anthracene	25.60	278	1246935	43.229	ng	#	91
91) Benzo(g,h,i)perylene	26.25	276	1231395	43.726	ng	#	89

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

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