Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
Data File : BN000733.D
Acq On : 18 Apr 2018 10:30
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
4/19/2018 5:42:43 PM

Quant Time: Apr 18 12:30:01 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 12:16:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	164306	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	722936	20.00	ng		0.00
38) Acenaphthene-d10	14.26	164	391604	20.00	ng		0.00
63) Phenanthrene-d10	17.01	188	804678	20.00	ng		0.00
75) Chrysene-d12	21.22	240	722279	20.00	ng		0.00
86) Perylene-d12	23.41	264	627168	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	221244	19.88	ng		0.00
7) Phenol-d6	6.81	99	307673	20.31	ng		0.00
23) Nitrobenzene-d5	8.77	82	268802	19.68	ng		0.00
41) 2,4,6-Tribromophenol	15.75	330	77349	20.09	ng		0.00
44) 2-Fluorobiphenyl	12.88	172	584979	20.59	ng		0.00
78) Terphenyl-d14	19.66	244	694174	20.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	51131	10.016	ng		93
3) Pyridine	3.63	79	137367	9.970	ng		99
4) n-Nitrosodimethylamine	3.55	42	36729	9.842	ng	#	93
6) Aniline	6.97	93	205866	10.181	ng		92
8) 2-Chlorophenol	7.20	128	115899	10.084	ng		90
9) Benzaldehyde	6.79	77	90512	11.780	ng		94
10) Phenol	6.83	94	161650	10.035	ng		89
11) bis(2-Chloroethyl)ether	7.07	93	134665	10.176	ng		85
12) 1,3-Dichlorobenzene	7.52	146	134699	10.112	ng		99
13) 1,4-Dichlorobenzene	7.67	146	136191	10.092	ng		98
14) 1,2-Dichlorobenzene	7.98	146	132829	10.251	ng		96
15) Benzyl Alcohol	7.87	79	98475	9.544	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.16	45	145285	10.120	ng		81
17) 2-Methylphenol	8.07	107	107966	10.053	ng		94
18) Hexachloroethane	8.70	117	48882	9.828	ng	#	80
19) n-Nitroso-di-n-propylamine	8.43	70	96494	10.191	ng	#	83
20) 3+4-Methylphenols	8.39	107	149440	10.138	ng		94
22) Acetophenone	8.45	105	211229	10.148	ng	#	89
24) Nitrobenzene	8.82	77	147466	9.941	ng	#	96
25) Isophorone	9.34	82	246259	9.765	ng		98
26) 2-Nitrophenol	9.52	139	52147	8.881	ng		94
27) 2,4-Dimethylphenol	9.59	122	100029	10.000	ng		96
28) bis(2-Chloroethoxy)methane	9.83	93	167413	10.090	ng		98
29) 2,4-Dichlorophenol	10.05	162	97594	10.050	ng		96
30) 1,2,4-Trichlorobenzene	10.26	180	118215	10.106	ng		96
31) Naphthalene	10.45	128	397380	10.173	ng		97
32) Benzoic acid	9.67	122	61540	7.496	ng		93
33) 4-Chloroaniline	10.56	127	161854	10.195	ng		97
34) Hexachlorobutadiene	10.74	225	63350	10.069	ng		97
35) Caprolactam	11.30	113	30129	9.507	ng		97
36) 4-Chloro-3-methylphenol	11.69	107	116659	10.097	ng		99
37) 2-Methylnaphthalene	12.06	142	265376	10.382	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.44	216	119289	9.907	ng	#	97
40) Hexachlorocyclopentadiene	12.42	237	59888	8.918	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	70914	9.960	ng		99
43) 2,4,5-Trichlorophenol	12.75	196	84474	10.209	ng		95
45) 1,1'-Biphenyl	13.09	154	353087	10.043	ng		97
46) 2-Chloronaphthalene	13.13	162	262937	9.952	ng		96
47) 2-Nitroaniline	13.33	65	63722	8.504	ng		92
48) Acenaphthylene	13.98	152	421925	10.135	ng		97
49) Dimethylphthalate	13.73	163	322706	10.352	ng		100
50) 2,6-Dinitrotoluene	13.84	165	61638	9.549	ng		93
51) Acenaphthene	14.33	154	260862	10.141	ng		99
52) 3-Nitroaniline	14.16	138	70172	9.492	ng	#	94
53) 2,4-Dinitrophenol	14.37	184	22238	7.669	ng		96
54) Dibenzofuran	14.66	168	382453	10.342	ng		96
55) 4-Nitrophenol	14.47	139	50575	8.988	ng		86
56) 2,4-Dinitrotoluene	14.63	165	79687	9.508	ng		95
57) Fluorene	15.32	166	309585	10.600	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.89	232	66517m	10.374	ng		
59) Diethylphthalate	15.10	149	319220	10.420	ng		97
60) 4-Chlorophenyl-phenylether	15.32	204	145093	10.626	ng		92
61) 4-Nitroaniline	15.33	138	68280	9.476	ng		96
62) Azobenzene	15.61	77	350925	10.379	ng		89
64) 4,6-Dinitro-2-methylphenol	15.39	198	39133	8.162	ng		88
65) n-Nitrosodiphenylamine	15.53	169	270012	10.055	ng		95
66) 4-Bromophenyl-phenylether	16.21	248	78261	9.726	ng	#	85
67) Hexachlorobenzene	16.32	284	91464	9.845	ng	#	90
68) Atrazine	16.49	200	78684	10.589	ng		93
69) Pentachlorophenol	16.66	266	53285	8.833	ng		99
70) Phenanthrene	17.05	178	478560	10.232	ng		99
71) Anthracene	17.15	178	464456	10.182	ng		98
72) Carbazole	17.42	167	444065	10.275	ng		98
73) Di-n-butylphthalate	18.00	149	480819	9.568	ng		98
74) Fluoranthene	19.07	202	485404	10.369	ng		93
76) Benzidine	19.27	184	183624	9.300	ng		96
77) Pyrene	19.44	202	521726	10.106	ng		100
79) Butylbenzylphthalate	20.37	149	180763	8.614	ng		98
80) Benzo(a)anthracene	21.20	228	463050	10.188	ng		98
81) 3,3'-Dichlorobenzidine	21.14	252	121740	8.791	ng	#	97
82) Chrysene	21.25	228	449268	10.135	ng		98
83) Bis(2-ethylhexyl)phthalate	21.16	149	297937	9.152	ng	#	94
84) Di-n-octyl phthalate	22.04	149	374565	8.206	ng		96
85) Indeno(1,2,3-cd)pyrene	26.24	276	291640	7.738	ng	#	91
87) Benzo(b)fluoranthene	22.76	252	394419	10.363	ng	#	95
88) Benzo(k)fluoranthene	22.80	252	388772	10.163	ng	#	96
89) Benzo(a)pyrene	23.32	252	339677	9.770	ng	#	94
90) Dibenzo(a,h)anthracene	25.60	278	307933	8.984	ng	#	92
91) Benzo(g,h,i)perylene	26.24	276	291640	8.766	ng	#	88

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

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