Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
Data File : BN000739.D
Acq On : 18 Apr 2018 14:09
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN041818

Manual Integrations APPROVED
Sohil
4/19/2018 5:42:58 PM

Quant Time: Apr 18 16:59:25 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	147228	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	650345	20.00	ng		0.00
38) Acenaphthene-d10	14.26	164	362681	20.00	ng		0.00
63) Phenanthrene-d10	17.01	188	765670	20.00	ng		0.00
75) Chrysene-d12	21.22	240	725299	20.00	ng		0.00
86) Perylene-d12	23.42	264	691468	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	775653	78.26	ng		0.00
7) Phenol-d6	6.81	99	1089062	80.63	ng		0.00
23) Nitrobenzene-d5	8.77	82	1009347	80.91	ng		0.00
41) 2,4,6-Tribromophenol	15.76	330	334281	91.56	ng		0.00
44) 2-Fluorobiphenyl	12.89	172	1986221	75.60	ng		0.00
78) Terphenyl-d14	19.66	244	2555101	75.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	163608	35.990	ng		95
3) Pyridine	3.62	79	483907	40.411	ng		97
4) n-Nitrosodimethylamine	3.54	42	129375	39.288	ng	#	84
6) Aniline	6.97	93	722142	40.302	ng		92
8) 2-Chlorophenol	7.20	128	406620	39.670	ng		90
9) Benzaldehyde	6.78	77	257571	41.121	ng		92
10) Phenol	6.83	94	567835	39.886	ng		87
11) bis(2-Chloroethyl)ether	7.07	93	455034	39.069	ng		84
12) 1,3-Dichlorobenzene	7.52	146	461757	38.786	ng		99
13) 1,4-Dichlorobenzene	7.66	146	470839	38.955	ng		97
14) 1,2-Dichlorobenzene	7.97	146	450138	39.017	ng		95
15) Benzyl Alcohol	7.87	79	399815	43.040	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.16	45	479823	38.790	ng		79
17) 2-Methylphenol	8.07	107	394231	41.193	ng		96
18) Hexachloroethane	8.69	117	177958	39.954	ng	#	81
19) n-Nitroso-di-n-propylamine	8.43	70	355760	42.343	ng	#	82
20) 3+4-Methylphenols	8.40	107	551517	41.932	ng		92
22) Acetophenone	8.44	105	733161	39.342	ng	#	87
24) Nitrobenzene	8.82	77	532371	39.797	ng	#	94
25) Isophorone	9.34	82	957731	42.369	ng		98
26) 2-Nitrophenol	9.52	139	223704	40.820	ng		92
27) 2,4-Dimethylphenol	9.59	122	364098	40.697	ng		95
28) bis(2-Chloroethoxy)methane	9.83	93	586458	39.795	ng		97
29) 2,4-Dichlorophenol	10.05	162	366023	41.546	ng		96
30) 1,2,4-Trichlorobenzene	10.26	180	415147	39.095	ng		96
31) Naphthalene	10.45	128	1364939	39.038	ng		98
32) Benzoic acid	9.75	122	349505	42.382	ng		93
33) 4-Chloroaniline	10.56	127	594521	41.642	ng		96
34) Hexachlorobutadiene	10.74	225	230886	40.033	ng		98
35) Caprolactam	11.34	113	143769	47.168	ng		97
36) 4-Chloro-3-methylphenol	11.69	107	457149	43.948	ng		99
37) 2-Methylnaphthalene	12.06	142	927622	40.499	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.44	216	423873	37.687	ng	#	97
40) Hexachlorocyclopentadiene	12.42	237	250456	37.972	ng		92

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	279602	40.985 ng		99
43) 2,4,5-Trichlorophenol	12.75	196	326104	41.387 ng	#	94
45) 1,1'-Biphenyl	13.09	154	1235567	38.061 ng		96
46) 2-Chloronaphthalene	13.13	162	931368	38.264 ng		96
47) 2-Nitroaniline	13.33	65	299381	42.398 ng		87
48) Acenaphthylene	13.98	152	1535556	39.797 ng		98
49) Dimethylphthalate	13.73	163	1193561	41.181 ng		99
50) 2,6-Dinitrotoluene	13.85	165	256688	41.813 ng		93
51) Acenaphthene	14.33	154	907856	38.601 ng		99
52) 3-Nitroaniline	14.17	138	296962	42.503 ng	#	92
53) 2,4-Dinitrophenol	14.37	184	128217	43.004 ng		95
54) Dibenzofuran	14.67	168	1337902	39.080 ng		96
55) 4-Nitrophenol	14.48	139	233392	44.985 ng	#	85
56) 2,4-Dinitrotoluene	14.63	165	352505	43.859 ng	#	90
57) Fluorene	15.32	166	1083913	40.047 ng		96
58) 2,3,4,6-Tetrachlorophenol	14.89	232	260950m	43.084 ng		
59) Diethylphthalate	15.11	149	1228462	42.767 ng		98
60) 4-Chlorophenyl-phenylether	15.32	204	504417	39.869 ng		94
61) 4-Nitroaniline	15.35	138	307169	44.691 ng		94
62) Azobenzene	15.61	77	1256066	40.838 ng		89
64) 4,6-Dinitro-2-methylphenol	15.40	198	200849	42.470 ng		88
65) n-Nitrosodiphenylamine	15.53	169	972985	37.849 ng		98
66) 4-Bromophenyl-phenylether	16.22	248	302997	38.951 ng	#	89
67) Hexachlorobenzene	16.32	284	350440	38.909 ng		94
68) Atrazine	16.49	200	314813	45.204 ng		94
69) Pentachlorophenol	16.66	266	246542	42.363 ng		99
70) Phenanthrene	17.06	178	1711135	38.588 ng		99
71) Anthracene	17.15	178	1717197	39.541 ng		98
72) Carbazole	17.42	167	1672780	40.988 ng		97
73) Di-n-butylphthalate	18.00	149	2093714	45.022 ng		99
74) Fluoranthene	19.08	202	1891475	42.320 ng		94
76) Benzidine	19.27	184	795178	40.482 ng	#	95
77) Pyrene	19.44	202	1973774	37.778 ng		100
79) Butylbenzylphthalate	20.37	149	944769	42.924 ng		97
80) Benzo(a)anthracene	21.21	228	1804075	39.468 ng		99
81) 3,3'-Dichlorobenzidine	21.14	252	611550	42.502 ng	#	97
82) Chrysene	21.26	228	1723457	38.946 ng		99
83) Bis(2-ethylhexyl)phthalate	21.17	149	1418197	42.182 ng		95
84) Di-n-octyl phthalate	22.04	149	2129630	44.272 ng	#	92
85) Indeno(1,2,3-cd)pyrene	26.27	276	1296265	34.059 ng	#	92
87) Benzo(b)fluoranthene	22.77	252	1663265	39.588 ng	#	96
88) Benzo(k)fluoranthene	22.81	252	1687378	40.326 ng	#	95
89) Benzo(a)pyrene	23.33	252	1542148	40.224 ng	#	95
90) Dibenzo(a,h)anthracene	25.62	278	1366189	36.164 ng	#	91
91) Benzo(g,h,i)perylene	26.27	276	1296265	35.145 ng	#	89

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

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