Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\Data\BN020118\
Data File : BN000009.D
Acq On : 01 Feb 2018 19:18
Operator :
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN020118

Quant Time: Feb 06 15:27:53 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 15:24:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.481	152	278581	20.00	ng		0.00
21) Naphthalene-d8	11.328	136	1459848	20.00	ng		0.00
38) Acenaphthene-d10	15.093	164	905039	20.00	ng		0.00
63) Phenanthrene-d10	17.816	188	2092886	20.00	ng		0.00
75) Chrysene-d12	21.939	240	2389745	20.00	ng		-0.01
86) Perylene-d12	24.433	264	2621365	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.952	112	1484041	78.55	ng		0.00
7) Phenol-d6	7.599	99	2323906	80.97	ng		0.00
23) Nitrobenzene-d5	9.663	82	2064637	85.52	ng		0.00
41) 2,4,6-Tribromophenol	16.563	330	754936	82.98	ng		0.00
44) 2-Fluorobiphenyl	13.728	172	5320021	78.73	ng		0.00
78) Terphenyl-d14	20.381	244	7256196	80.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.664	88	279703	37.42	ng		96
3) Pyridine	4.111	79	942361	41.57	ng		98
4) n-Nitrosodimethylamine	4.011	42	263847	39.56	ng	#	98
6) Aniline	7.787	93	1572449	40.19	ng		92
8) 2-Chlorophenol	8.034	128	835406	39.97	ng		86
9) Benzaldehyde	7.599	77	598846	40.93	ng		87
10) Phenol	7.628	94	1189637	40.55	ng		87
11) bis(2-Chloroethyl)ether	7.881	93	924549	39.51	ng	#	83
12) 1,3-Dichlorobenzene	8.369	146	903951	38.96	ng		99
13) 1,4-Dichlorobenzene	8.522	146	928023	38.94	ng		95
14) 1,2-Dichlorobenzene	8.846	146	926198	39.34	ng		98
15) Benzyl Alcohol	8.716	79	857159	40.67	ng		89
16) 2,2'-oxybis(1-Chloropr...	9.016	45	988147	39.04	ng		79
17) 2-Methylphenol	8.911	107	868304	41.05	ng		95
18) Hexachloroethane	9.593	117	320291	39.19	ng	#	81
19) n-Nitroso-di-n-propyla...	9.293	70	794086	41.06	ng	#	84
20) 3+4-Methylphenols	9.240	107	1225091	41.35	ng		94
22) Acetophenone	9.316	105	1707364	39.60	ng	#	87
24) Nitrobenzene	9.705	77	1095723	42.32	ng	#	93
25) Isophorone	10.228	82	2310647	40.41	ng		97
26) 2-Nitrophenol	10.422	139	341330	40.11	ng		89
27) 2,4-Dimethylphenol	10.463	122	925780	39.48	ng		94
28) bis(2-Chloroethoxy)met...	10.710	93	1322353	40.09	ng		97
29) 2,4-Dichlorophenol	10.958	162	845349	42.02	ng		97
30) 1,2,4-Trichlorobenzene	11.181	180	919349	39.02	ng		97
31) Naphthalene	11.375	128	3204002	39.13	ng		97
32) Benzoic acid	10.558	122	533616	41.69	ng		86
33) 4-Chloroaniline	11.469	127	1542010	40.62	ng		95
34) Hexachlorobutadiene	11.657	225	471679	39.30	ng		96
35) Caprolactam	12.216	113	391511	43.78	ng		96
36) 4-Chloro-3-methylphenol	12.552	107	1133898	41.45	ng		98
37) 2-Methylnaphthalene	12.952	142	2295453	39.68	ng		96
39) 1,2,4,5-Tetrachloroben...	13.304	216	1037188	39.34	ng	#	96
40) Hexachlorocyclopentadiene	13.287	237	360263	40.92	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.534	196	658320	42.25	ng		100
43) 2,4,5-Trichlorophenol	13.604	196	778008	42.40	ng	#	94
45) 1,1'-Biphenyl	13.940	154	3163677	39.12	ng		98
46) 2-Chloronaphthalene	13.987	162	2380946	39.22	ng		97
47) 2-Nitroaniline	14.169	65	627373	40.54	ng		89
48) Acenaphthylene	14.822	152	4069701	39.92	ng		97
49) Dimethylphthalate	14.540	163	3232493	39.96	ng		99
50) 2,6-Dinitrotoluene	14.657	165	616620	40.25	ng		93
51) Acenaphthene	15.157	154	2546667	39.59	ng		98
52) 3-Nitroaniline	14.981	138	759963	40.35	ng	#	90
53) 2,4-Dinitrophenol	15.175	184	139306	41.12	ng		83
54) Dibenzofuran	15.487	168	3624473	39.26	ng		95
55) 4-Nitrophenol	15.257	139	572943	40.66	ng	#	86
56) 2,4-Dinitrotoluene	15.428	165	833266	40.86	ng		96
57) Fluorene	16.128	166	3066717	39.46	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.698	232	647571	43.33	ng	#	84
59) Diethylphthalate	15.881	149	3410969	40.36	ng		97
60) 4-Chlorophenyl-phenyle...	16.116	204	1349935	39.30	ng		92
61) 4-Nitroaniline	16.128	138	818245	40.78	ng		95
62) Azobenzene	16.404	77	3381311	40.04	ng		91
64) 4,6-Dinitro-2-methylph...	16.181	198	272553	38.78	ng		92
65) n-Nitrosodiphenylamine	16.322	169	2749002	40.20	ng		96
66) 4-Bromophenyl-phenylether	17.004	248	778864	39.77	ng	#	85
67) Hexachlorobenzene	17.116	284	882001	39.09	ng	#	85
68) Atrazine	17.251	200	884201	42.41	ng		94
69) Pentachlorophenol	17.451	266	566304	41.91	ng		99
70) Phenanthrene	17.857	178	4946946	39.28	ng		100
71) Anthracene	17.945	178	4992786	40.02	ng		99
72) Carbazole	18.204	167	5151820	39.92	ng		97
73) Di-n-butylphthalate	18.745	149	5990275	41.79	ng		99
74) Fluoranthene	19.834	202	5671286	39.66	ng		94
76) Benzidine	19.998	184	2524824	41.74	ng		96
77) Pyrene	20.192	202	6033029	40.02	ng		98
79) Butylbenzylphthalate	21.057	149	2596890	40.48	ng	#	97
80) Benzo(a)anthracene	21.922	228	5942117	40.11	ng		99
81) 3,3'-Dichlorobenzidine	21.839	252	2117202	42.64	ng	#	98
82) Chrysene	21.975	228	5811207	39.49	ng		98
83) Bis(2-ethylhexyl)phtha...	21.833	149	4187179	42.11	ng	#	95
84) Di-n-octyl phthalate	22.804	149	6812249	42.33	ng	#	94
85) Indeno(1,2,3-cd)pyrene	27.027	276	7579812	39.93	ng	#	86
87) Benzo(b)fluoranthene	23.680	252	6205356	39.81	ng	#	96
88) Benzo(k)fluoranthene	23.727	252	6255781	40.03	ng	#	95
89) Benzo(a)pyrene	24.327	252	6051052	39.96	ng	#	94
90) Dibenzo(a,h)anthracene	27.039	278	6324283	39.91	ng	#	90
91) Benzo(g,h,i)perylene	27.815	276	6466980	40.15	ng	#	87

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

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