Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN030618\
Data File : BN000259.D
Acq On : 06 Mar 2018 12:31
Operator : JU/SJ
Sample : J1699-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B1MS

Quant Time: Mar 07 04:25:43 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 18:24:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	266279	20.00	ng		-0.02
21) Naphthalene-d8	11.29	136	1302494	20.00	ng		-0.02
38) Acenaphthene-d10	15.06	164	738959	20.00	ng		-0.02
63) Phenanthrene-d10	17.78	188	1575417	20.00	ng		-0.02
75) Chrysene-d12	21.90	240	1618036	20.00	ng		-0.02
86) Perylene-d12	24.37	264	1794746	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.93	112	1709529	104.63	ng		-0.02
7) Phenol-d6	7.58	99	2434629	98.37	ng		-0.02
23) Nitrobenzene-d5	9.63	82	1391711	63.53	ng		-0.02
41) 2,4,6-Tribromophenol	16.53	330	638605	87.31	ng		-0.02
44) 2-Fluorobiphenyl	13.69	172	2919154	55.68	ng		-0.02
78) Terphenyl-d14	20.34	244	3861788	64.44	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	169762	25.822	ng		97
3) Pyridine	4.09	79	477305	23.323	ng		98
4) n-Nitrosodimethylamine	3.99	42	213552	36.899	ng	#	93
6) Aniline	7.75	93	626750	18.382	ng		92
8) 2-Chlorophenol	8.00	128	712188	37.275	ng		89
9) Benzaldehyde	7.56	77	226049	14.682	ng		91
10) Phenol	7.60	94	1026131	39.278	ng		87
11) bis(2-Chloroethyl)ether	7.85	93	726142	33.795	ng		85
12) 1,3-Dichlorobenzene	8.33	146	639430	29.453	ng		98
13) 1,4-Dichlorobenzene	8.49	146	658033	29.681	ng		97
14) 1,2-Dichlorobenzene	8.81	146	652668	29.906	ng		97
15) Benzyl Alcohol	8.68	79	653119	36.716	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.98	45	772267	33.957	ng		80
17) 2-Methylphenol	8.88	107	670115	36.095	ng		96
18) Hexachloroethane	9.55	117	241923	31.346	ng	#	81
19) n-Nitroso-di-n-propylamine	9.26	70	548537	33.077	ng	#	83
20) 3+4-Methylphenols	9.21	107	898707	34.612	ng		94
22) Acetophenone	9.28	105	1132449	31.027	ng	#	88
24) Nitrobenzene	9.67	77	843441	35.218	ng	#	95
25) Isophorone	10.19	82	1596301	35.250	ng		98
26) 2-Nitrophenol	10.39	139	327441	35.557	ng		93
27) 2,4-Dimethylphenol	10.43	122	772379	39.342	ng		96
28) bis(2-Chloroethoxy)methane	10.67	93	1030766	35.491	ng		96
29) 2,4-Dichlorophenol	10.92	162	658047	36.218	ng		97
30) 1,2,4-Trichlorobenzene	11.15	180	626471	29.941	ng		97
31) Naphthalene	11.34	128	2231181	31.246	ng		98
32) Benzoic acid	10.55	122	371390	30.424	ng		92
33) 4-Chloroaniline	11.43	127	343814	10.960	ng		97
34) Hexachlorobutadiene	11.61	225	308416	28.426	ng		97
35) Caprolactam	12.19	113	258385	33.830	ng		96
36) 4-Chloro-3-methylphenol	12.52	107	832592	36.094	ng		99
37) 2-Methylnaphthalene	12.92	142	1592937	32.061	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.27	216	670144	30.724	ng	#	96
40) Hexachlorocyclopentadiene	13.25	237	541906	59.601	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.50	196	475331	36.360	ng		97
43) 2,4,5-Trichlorophenol	13.57	196	530417	33.751	ng	#	93
45) 1,1'-Biphenyl	13.90	154	2004295	30.796	ng		97
46) 2-Chloronaphthalene	13.95	162	1546163	31.662	ng		98
47) 2-Nitroaniline	14.14	65	504542	36.524	ng		88
48) Acenaphthylene	14.79	152	2496877	31.737	ng		98
49) Dimethylphthalate	14.50	163	1930875	31.258	ng		99
50) 2,6-Dinitrotoluene	14.63	165	416543	32.664	ng		93
51) Acenaphthene	15.13	154	1742078	34.016	ng		99
52) 3-Nitroaniline	14.95	138	319685	20.623	ng	#	94
53) 2,4-Dinitrophenol	15.15	184	356019	78.862	ng	#	1
54) Dibenzofuran	15.45	168	2333001	32.166	ng		95
55) 4-Nitrophenol	15.24	139	856468	68.205	ng	#	86
56) 2,4-Dinitrotoluene	15.40	165	586876	33.529	ng		92
57) Fluorene	16.09	166	1896956	32.031	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.67	232	449581	36.249	ng	#	82
59) Diethylphthalate	15.85	149	2046453	32.600	ng		97
60) 4-Chlorophenyl-phenylether	16.07	204	847283	31.394	ng		90
61) 4-Nitroaniline	16.10	138	503179	31.592	ng		93
62) Azobenzene	16.37	77	2218342	35.500	ng		90
64) 4,6-Dinitro-2-methylphenol	16.16	198	231937	34.160	ng		88
65) n-Nitrosodiphenylamine	16.29	169	1673480	32.645	ng		98
66) 4-Bromophenyl-phenylether	16.96	248	484576	32.345	ng	#	84
67) Hexachlorobenzene	17.09	284	527661	30.159	ng	#	88
68) Atrazine	17.22	200	541225	32.440	ng		95
69) Pentachlorophenol	17.42	266	680467	58.200	ng		99
70) Phenanthrene	17.82	178	2979029	32.013	ng		100
71) Anthracene	17.92	178	3047346	33.820	ng		99
72) Carbazole	18.17	167	2984449	32.877	ng		97
73) Di-n-butylphthalate	18.70	149	5061923	50.513	ng	#	99
74) Fluoranthene	19.80	202	3330709	34.117	ng		92
76) Benzidine	19.96	184	1269496	24.613	ng		97
77) Pyrene	20.16	202	3470578	33.749	ng		99
79) Butylbenzylphthalate	21.01	149	1707965	36.465	ng		97
80) Benzo(a)anthracene	21.88	228	3386989	34.057	ng		99
81) 3,3'-Dichlorobenzidine	21.80	252	905059	24.777	ng	#	97
82) Chrysene	21.93	228	3173345	32.019	ng		98
83) Bis(2-ethylhexyl)phthalate	21.76	149	2581275	36.401	ng	#	94
84) Di-n-octyl phthalate	22.72	149	4465111	37.998	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.94	276	3734217	30.673	ng	#	85
87) Benzo(b)fluoranthene	23.62	252	3567648	33.961	ng	#	95
88) Benzo(k)fluoranthene	23.67	252	3321787	31.396	ng	#	95
89) Benzo(a)pyrene	24.26	252	3391961	33.669	ng	#	94
90) Dibenzo(a,h)anthracene	26.95	278	3136440	29.771	ng	#	91
91) Benzo(g,h,i)perylene	27.73	276	3055409	28.681	ng	#	87

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

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