Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020518\
Data File : BN000017.D
Acq On : 05 Feb 2018 14:08
Operator : SJ/JU
Sample : MDL-W-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-W-01

Manual Integrations APPROVED
Sohil
2/6/2018 5:15:38 PM

Quant Time: Feb 06 16:55:51 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 19:48:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	288448	20.00	ng		-0.01
21) Naphthalene-d8	11.32	136	1407395	20.00	ng		-0.01
38) Acenaphthene-d10	15.09	164	837508	20.00	ng		0.00
63) Phenanthrene-d10	17.80	188	1888280	20.00	ng		0.00
75) Chrysene-d12	21.93	240	2192582	20.00	ng		-0.02
86) Perylene-d12	24.43	264	2336410	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.95	112	2370544	121.17	ng		0.00
7) Phenol-d6	7.59	99	3462266	116.51	ng		0.00
23) Nitrobenzene-d5	9.65	82	2141292	92.00	ng		-0.01
41) 2,4,6-Tribromophenol	16.56	330	1015595	120.63	ng		0.00
44) 2-Fluorobiphenyl	13.72	172	5723779	91.53	ng		0.00
78) Terphenyl-d14	20.37	244	7603389	91.53	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	28089	3.629	ng		99
3) Pyridine	4.14	79	57968	2.470	ng		98
4) n-Nitrosodimethylamine	4.02	42	22424	3.247	ng	#	82
6) Aniline	7.78	93	129917	3.207	ng		92
8) 2-Chlorophenol	8.03	128	74459	3.440	ng		87
9) Benzaldehyde	7.59	77	73240	2.370	ng		89
10) Phenol	7.62	94	106220	3.497	ng		94
11) bis(2-Chloroethyl)ether	7.88	93	84849	3.502	ng		86
12) 1,3-Dichlorobenzene	8.36	146	89782	3.737	ng		96
13) 1,4-Dichlorobenzene	8.52	146	91034	3.689	ng		95
14) 1,2-Dichlorobenzene	8.84	146	89897	3.687	ng		94
15) Benzyl Alcohol	8.71	79	57557	2.638	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	9.00	45	92114	3.515	ng		82
17) 2-Methylphenol	8.90	107	63553	2.902	ng		96
18) Hexachloroethane	9.58	117	28751	3.398	ng	#	77
19) n-Nitroso-di-n-propylamine	9.28	70	53715	2.682	ng	#	83
20) 3+4-Methylphenols	9.23	107	81960	2.672	ng		94
22) Acetophenone	9.30	105	141152	3.396	ng	#	87
24) Nitrobenzene	9.69	77	105431	4.223	ng		97
25) Isophorone	10.22	82	151942	2.756	ng		100
26) 2-Nitrophenol	10.41	139	18305	2.097	ng		88
27) 2,4-Dimethylphenol	10.46	122	74807	3.309	ng		95
28) bis(2-Chloroethoxy)methane	10.70	93	104999	3.302	ng		97
29) 2,4-Dichlorophenol	10.95	162	48378	2.494	ng		93
30) 1,2,4-Trichlorobenzene	11.17	180	83225	3.664	ng		98
31) Naphthalene	11.37	128	292399	3.704	ng		97
32) Benzoic acid	10.49	122	11027m	7.244	ng		
33) 4-Chloroaniline	11.46	127	110598	3.022	ng		95
34) Hexachlorobutadiene	11.65	225	44594	3.854	ng		95
35) Caprolactam	12.18	113	15955	1.851	ng		92
36) 4-Chloro-3-methylphenol	12.54	107	60418	2.291	ng		99
37) 2-Methylnaphthalene	12.95	142	191074	3.426	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	94041	3.855	ng	#	96
40) Hexachlorocyclopentadiene	13.27	237	24259	2.977	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	31469	2.182	ng		97
43) 2,4,5-Trichlorophenol	13.59	196	37626	2.216	ng	#	91
45) 1,1'-Biphenyl	13.93	154	292606	3.910	ng		97
46) 2-Chloronaphthalene	13.97	162	204399	3.638	ng		97
47) 2-Nitroaniline	14.16	65	26582	1.752	ng		94
48) Acenaphthylene	14.81	152	289283	3.067	ng		98
49) Dimethylphthalate	14.52	163	231945	3.099	ng	#	99
50) 2,6-Dinitrotoluene	14.65	165	25977	1.754	ng	#	86
51) Acenaphthene	15.15	154	210333	3.533	ng		97
52) 3-Nitroaniline	14.97	138	31831	1.740	ng	#	90
53) 2,4-Dinitrophenol	15.17	184	5671	6.347	ng		97
54) Dibenzofuran	15.47	168	317028	3.711	ng		96
55) 4-Nitrophenol	15.25	139	19526	1.417	ng		87
56) 2,4-Dinitrotoluene	15.42	165	29658	1.487	ng	#	95
57) Fluorene	16.12	166	250715	3.486	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.69	232	31187	2.255	ng	#	83
59) Diethylphthalate	15.87	149	223980	2.864	ng		98
60) 4-Chlorophenyl-phenylether	16.10	204	114909	3.615	ng	#	88
61) 4-Nitroaniline	16.12	138	34322	1.764	ng		94
62) Azobenzene	16.40	77	229423	2.936	ng		90
64) 4,6-Dinitro-2-methylphenol	16.17	198	10824	1.564	ng		88
65) n-Nitrosodiphenylamine	16.31	169	198740	3.221	ng		95
66) 4-Bromophenyl-phenylether	16.99	248	60878	3.445	ng	#	81
67) Hexachlorobenzene	17.11	284	76493	3.758	ng	#	87
68) Atrazine	17.24	200	51400	2.733	ng		93
69) Pentachlorophenol	17.45	266	23738	1.947	ng		95
70) Phenanthrene	17.85	178	437969	3.855	ng		99
71) Anthracene	17.94	178	370737	3.294	ng		97
72) Carbazole	18.20	167	371066	3.186	ng		96
73) Di-n-butylphthalate	18.74	149	277206	2.144	ng	#	96
74) Fluoranthene	19.82	202	418325	3.243	ng		95
76) Benzidine	19.99	184	119408	2.151	ng		97
77) Pyrene	20.18	202	476320	3.443	ng		99
79) Butylbenzylphthalate	21.05	149	81085	1.325	ng	#	93
80) Benzo(a)anthracene	21.92	228	478155	3.517	ng		96
81) 3,3'-Dichlorobenzidine	21.83	252	103307	2.268	ng	#	88
82) Chrysene	21.97	228	523440	3.877	ng		99
83) Bis(2-ethylhexyl)phthalate	21.82	149	142110	1.558	ng	#	91
84) Di-n-octyl phthalate	22.79	149	195302	1.323	ng		97
85) Indeno(1,2,3-cd)pyrene	27.00	276	552236	3.171	ng	#	86
87) Benzo(b)fluoranthene	23.67	252	458202	3.298	ng	#	95
88) Benzo(k)fluoranthene	23.72	252	500622	3.594	ng	#	96
89) Benzo(a)pyrene	24.32	252	427856	3.170	ng	#	92
90) Dibenzo(a,h)anthracene	27.02	278	468335	3.316	ng	#	92
91) Benzo(g,h,i)perylene	27.79	276	462087	3.219	ng	#	86

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

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