Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN021218\
Data File : BN000062.D
Acq On : 12 Feb 2018 12:34
Operator : JU/SJ
Sample : MDL-W-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Manual Integrations APPROVED
Sohil
2/13/2018 11:32:21 AM

Quant Time: Feb 12 15:05:47 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	8.47	152	282935	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	1426607	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	859717	20.00	ng		0.00
63) Phenanthrene-d10	17.79	188	1969735	20.00	ng		0.00
75) Chrysene-d12	21.91	240	2213769	20.00	ng		-0.01
86) Perylene-d12	24.39	264	2360099	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	2309222	133.02	ng		0.00
7) Phenol-d6	7.59	99	3387607	128.82	ng		0.00
23) Nitrobenzene-d5	9.65	82	2289450	95.42	ng		0.00
41) 2,4,6-Tribromophenol	16.55	330	1110278	130.47	ng		0.00
44) 2-Fluorobiphenyl	13.71	172	5987532	98.16	ng		0.00
78) Terphenyl-d14	20.36	244	7891953	96.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	27398	3.922	ng		92
3) Pyridine	4.13	79	59113	2.718	ng		95
4) n-Nitrosodimethylamine	4.01	42	17928	2.915	ng	#	85
6) Aniline	7.77	93	116548	3.217	ng	#	88
8) 2-Chlorophenol	8.02	128	71583	3.526	ng		87
9) Benzaldehyde	7.58	77	46098	2.818	ng		88
10) Phenol	7.61	94	100641	3.626	ng		96
11) bis(2-Chloroethyl)ether	7.86	93	83501	3.657	ng	#	82
12) 1,3-Dichlorobenzene	8.35	146	86715	3.759	ng		99
13) 1,4-Dichlorobenzene	8.50	146	89267	3.789	ng		98
14) 1,2-Dichlorobenzene	8.83	146	87554	3.776	ng		93
15) Benzyl Alcohol	8.70	79	55380	2.930	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.00	45	87245	3.610	ng		76
17) 2-Methylphenol	8.89	107	61327	3.109	ng		93
18) Hexachloroethane	9.58	117	27048	3.298	ng	#	76
19) n-Nitroso-di-n-propylamine	9.27	70	50299	2.854	ng	#	83
20) 3+4-Methylphenols	9.22	107	80439	2.916	ng		91
22) Acetophenone	9.29	105	131615	3.292	ng	#	87
24) Nitrobenzene	9.69	77	102755	3.917	ng	#	94
25) Isophorone	10.20	82	138212	2.787	ng		97
26) 2-Nitrophenol	10.40	139	20263	8.795	ng		96
27) 2,4-Dimethylphenol	10.45	122	59451m	2.765	ng		
28) bis(2-Chloroethoxy)methane	10.69	93	105991	3.332	ng		92
29) 2,4-Dichlorophenol	10.94	162	48745	2.449	ng		97
30) 1,2,4-Trichlorobenzene	11.16	180	82926	3.619	ng		98
31) Naphthalene	11.36	128	291587	3.728	ng		97
32) Benzoic acid	10.48	122	13050m	11.180	ng		
33) 4-Chloroaniline	11.45	127	99061	2.883	ng		96
34) Hexachlorobutadiene	11.63	225	43638	3.672	ng		95
35) Caprolactam	12.18	113	14146	5.509	ng		87
36) 4-Chloro-3-methylphenol	12.53	107	58220	2.304	ng		97
37) 2-Methylnaphthalene	12.93	142	190103	3.493	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	94931	3.741	ng	#	96
40) Hexachlorocyclopentadiene	13.27	237	29370	2.777	ng		86

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	32142	2.113	ng		96
43) 2,4,5-Trichlorophenol	13.58	196	38955	2.131	ng	#	91
45) 1,1'-Biphenyl	13.92	154	291696	3.852	ng		98
46) 2-Chloronaphthalene	13.96	162	210155	3.699	ng		97
47) 2-Nitroaniline	14.15	65	30243	6.509	ng		92
48) Acenaphthylene	14.80	152	288304	3.150	ng		99
49) Dimethylphthalate	14.51	163	235395	3.275	ng		99
50) 2,6-Dinitrotoluene	14.63	165	29306	1.975	ng	#	88
51) Acenaphthene	15.13	154	213050	3.576	ng		97
52) 3-Nitroaniline	14.96	138	38926	2.158	ng	#	89
53) 2,4-Dinitrophenol	15.16	184	7673	10.518	ng		86
54) Dibenzofuran	15.46	168	324353	3.844	ng		95
55) 4-Nitrophenol	15.24	139	22952	6.433	ng	#	77
56) 2,4-Dinitrotoluene	15.41	165	35781	5.721	ng	#	95
57) Fluorene	16.11	166	251447	3.649	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.68	232	34351	2.381	ng	#	85
59) Diethylphthalate	15.86	149	229111	3.137	ng		96
60) 4-Chlorophenyl-phenylether	16.09	204	117421	3.740	ng		91
61) 4-Nitroaniline	16.10	138	39210	2.116	ng		95
62) Azobenzene	16.38	77	219578	3.020	ng		91
64) 4,6-Dinitro-2-methylphenol	16.16	198	13379	9.881	ng		88
65) n-Nitrosodiphenylamine	16.30	169	201470	3.143	ng		95
66) 4-Bromophenyl-phenylether	16.98	248	63786	3.405	ng	#	79
67) Hexachlorobenzene	17.10	284	78555	3.591	ng	#	87
68) Atrazine	17.22	200	49006	2.349	ng		94
69) Pentachlorophenol	17.43	266	25419	7.395	ng		95
70) Phenanthrene	17.83	178	431867	3.712	ng		99
71) Anthracene	17.93	178	369006	3.275	ng		98
72) Carbazole	18.19	167	368362	3.246	ng		97
73) Di-n-butylphthalate	18.72	149	281157	2.244	ng	#	97
74) Fluoranthene	19.81	202	407612	3.339	ng		94
76) Benzidine	19.97	184	88618	1.256	ng		97
77) Pyrene	20.17	202	470677	3.345	ng		98
79) Butylbenzylphthalate	21.03	149	95569	6.647	ng		96
80) Benzo(a)anthracene	21.89	228	478704	3.518	ng		97
81) 3,3'-Dichlorobenzidine	21.81	252	112022	2.241	ng	#	94
82) Chrysene	21.95	228	504579	3.721	ng		97
83) Bis(2-ethylhexyl)phthalate	21.79	149	157374	4.396	ng	#	95
84) Di-n-octyl phthalate	22.75	149	213929	7.700	ng		99
85) Indeno(1,2,3-cd)pyrene	26.95	276	544215	3.267	ng	#	86
87) Benzo(b)fluoranthene	23.63	252	463331	3.354	ng	#	96
88) Benzo(k)fluoranthene	23.68	252	487312	3.502	ng	#	96
89) Benzo(a)pyrene	24.28	252	430007	3.246	ng	#	94
90) Dibenzo(a,h)anthracene	26.96	278	462675	3.340	ng	#	91
91) Benzo(g,h,i)perylene	27.73	276	459485	3.280	ng	#	87

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

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