Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN021218\
Data File : BN000061.D
Acq On : 12 Feb 2018 12:00
Operator : JU/SJ
Sample : MDL-S-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-S-05

Manual Integrations APPROVED
Sohil
2/13/2018 11:32:19 AM

Quant Time: Feb 12 15:01:05 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	8.46	152	267952	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	1346647	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	821629	20.00	ng		0.00
63) Phenanthrene-d10	17.79	188	1891604	20.00	ng		0.00
75) Chrysene-d12	21.91	240	2234095	20.00	ng		-0.01
86) Perylene-d12	24.39	264	2398681	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	2206720	134.22	ng		0.00
7) Phenol-d6	7.59	99	3224333	129.47	ng		0.00
23) Nitrobenzene-d5	9.65	82	2167241	95.69	ng		0.00
41) 2,4,6-Tribromophenol	16.55	330	1071478	131.75	ng		0.00
44) 2-Fluorobiphenyl	13.70	172	5721016	98.14	ng		-0.01
78) Terphenyl-d14	20.36	244	7848060	94.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	26406	3.991	ng		94
3) Pyridine	4.13	79	62304	3.025	ng	#	89
4) n-Nitrosodimethylamine	4.02	42	19501	3.349	ng	#	81
6) Aniline	7.77	93	113115	3.297	ng		90
8) 2-Chlorophenol	8.02	128	69931	3.637	ng		87
9) Benzaldehyde	7.58	77	43348	2.798	ng		88
10) Phenol	7.61	94	93334	3.550	ng		96
11) bis(2-Chloroethyl)ether	7.86	93	76481	3.537	ng		84
12) 1,3-Dichlorobenzene	8.35	146	80817	3.699	ng		99
13) 1,4-Dichlorobenzene	8.50	146	83377	3.737	ng		96
14) 1,2-Dichlorobenzene	8.83	146	83442	3.800	ng		97
15) Benzyl Alcohol	8.69	79	52404	2.928	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.99	45	83214	3.636	ng		82
17) 2-Methylphenol	8.89	107	58673	3.141	ng		94
18) Hexachloroethane	9.57	117	26989	3.475	ng	#	74
19) n-Nitroso-di-n-propylamine	9.27	70	47298	2.834	ng	#	85
20) 3+4-Methylphenols	9.22	107	76738	2.937	ng		93
22) Acetophenone	9.29	105	124672	3.304	ng	#	87
24) Nitrobenzene	9.69	77	100774	4.070	ng	#	96
25) Isophorone	10.20	82	133223	2.845	ng		98
26) 2-Nitrophenol	10.40	139	19519	8.828	ng		94
27) 2,4-Dimethylphenol	10.45	122	55094m	2.714	ng		
28) bis(2-Chloroethoxy)methane	10.69	93	98023	3.264	ng		97
29) 2,4-Dichlorophenol	10.93	162	44974	2.394	ng		100
30) 1,2,4-Trichlorobenzene	11.16	180	79085	3.656	ng		94
31) Naphthalene	11.36	128	274878	3.723	ng		98
32) Benzoic acid	10.48	122	16488m	11.396	ng		
33) 4-Chloroaniline	11.45	127	95362	2.940	ng		94
34) Hexachlorobutadiene	11.63	225	40603	3.620	ng		87
35) Caprolactam	12.17	113	14893	5.680	ng		97
36) 4-Chloro-3-methylphenol	12.53	107	55421	2.324	ng		99
37) 2-Methylnaphthalene	12.93	142	179993	3.504	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	88298	3.641	ng	#	96
40) Hexachlorocyclopentadiene	13.27	237	27633	2.733	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	32108	2.209	ng		91
43) 2,4,5-Trichlorophenol	13.58	196	38658	2.212	ng	#	86
45) 1,1'-Biphenyl	13.92	154	280529	3.877	ng		99
46) 2-Chloronaphthalene	13.96	162	196763	3.624	ng		96
47) 2-Nitroaniline	14.15	65	29731	6.555	ng		85
48) Acenaphthylene	14.80	152	274379	3.137	ng		99
49) Dimethylphthalate	14.51	163	222426	3.238	ng		99
50) 2,6-Dinitrotoluene	14.63	165	28121	1.983	ng	#	84
51) Acenaphthene	15.14	154	203213	3.569	ng		99
52) 3-Nitroaniline	14.96	138	37626	2.183	ng	#	90
53) 2,4-Dinitrophenol	15.16	184	6861	10.435	ng	#	2
54) Dibenzofuran	15.47	168	301655	3.741	ng		96
55) 4-Nitrophenol	15.23	139	20882	6.363	ng	#	88
56) 2,4-Dinitrotoluene	15.41	165	34388	5.729	ng		94
57) Fluorene	16.11	166	242410	3.681	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.68	232	31430	2.279	ng	#	85
59) Diethylphthalate	15.86	149	216570	3.103	ng		97
60) 4-Chlorophenyl-phenylether	16.09	204	110605	3.686	ng		93
61) 4-Nitroaniline	16.10	138	39520	2.232	ng		93
62) Azobenzene	16.39	77	207790	2.991	ng		89
64) 4,6-Dinitro-2-methylphenol	16.16	198	11919	9.796	ng	#	82
65) n-Nitrosodiphenylamine	16.30	169	191480	3.111	ng		96
66) 4-Bromophenyl-phenylether	16.98	248	59434	3.304	ng	#	83
67) Hexachlorobenzene	17.10	284	74992	3.570	ng	#	87
68) Atrazine	17.23	200	46831	2.338	ng		97
69) Pentachlorophenol	17.43	266	23567	7.341	ng		90
70) Phenanthrene	17.83	178	423169	3.787	ng		97
71) Anthracene	17.93	178	353329	3.266	ng		98
72) Carbazole	18.19	167	361659	3.318	ng		96
73) Di-n-butylphthalate	18.72	149	273771	2.275	ng		98
74) Fluoranthene	19.81	202	405808	3.462	ng		95
76) Benzidine	19.97	184	90614	1.272	ng	#	95
77) Pyrene	20.17	202	462251	3.256	ng		99
79) Butylbenzylphthalate	21.03	149	98144	6.670	ng	#	95
80) Benzo(a)anthracene	21.89	228	480634	3.500	ng		96
81) 3,3'-Dichlorobenzidine	21.81	252	113220	2.245	ng	#	94
82) Chrysene	21.95	228	510190	3.728	ng		98
83) Bis(2-ethylhexyl)phthalate	21.79	149	163335	4.438	ng	#	95
84) Di-n-octyl phthalate	22.75	149	224824	7.740	ng		100
85) Indeno(1,2,3-cd)pyrene	26.94	276	555877	3.307	ng	#	86
87) Benzo(b)fluoranthene	23.63	252	467002	3.326	ng	#	96
88) Benzo(k)fluoranthene	23.68	252	498020	3.522	ng	#	95
89) Benzo(a)pyrene	24.28	252	432780	3.214	ng	#	95
90) Dibenzo(a,h)anthracene	26.96	278	470775	3.344	ng	#	91
91) Benzo(g,h,i)perylene	27.73	276	472768	3.321	ng	#	86

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

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