Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\
Data File : BN000716.D
Acq On : 09 Apr 2018 19:08
Operator : JU/SJ
Sample : PB108094BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB108094BSD

Manual Integrations APPROVED
Sohil
4/10/2018 3:38:28 PM

Quant Time: Apr 10 04:57:34 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN040918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 09 13:41:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	169664	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	699935	20.00	ng		0.00
38) Acenaphthene-d10	14.27	164	329250	20.00	ng		0.00
63) Phenanthrene-d10	17.02	188	583438	20.00	ng		0.00
75) Chrysene-d12	21.22	240	430545	20.00	ng		0.00
86) Perylene-d12	23.41	264	390486	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	930406	80.97	ng		0.00
7) Phenol-d6	6.82	99	1220908	78.05	ng		0.00
23) Nitrobenzene-d5	8.78	82	1041886	78.77	ng		0.00
41) 2,4,6-Tribromophenol	15.76	330	239980	74.13	ng		0.00
44) 2-Fluorobiphenyl	12.89	172	1910926	79.99	ng		0.00
78) Terphenyl-d14	19.66	244	1678728	85.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	165351	31.367	ng		97
3) Pyridine	3.63	79	475727	33.437	ng		97
4) n-Nitrosodimethylamine	3.55	42	160040	41.530	ng	#	82
6) Aniline	6.98	93	471664	22.589	ng		93
8) 2-Chlorophenol	7.21	128	474739	40.002	ng		91
9) Benzaldehyde	6.79	77	115258	14.526	ng		94
10) Phenol	6.85	94	658240	39.574	ng		87
11) bis(2-Chloroethyl)ether	7.08	93	497907	36.437	ng		85
12) 1,3-Dichlorobenzene	7.53	146	482214	35.058	ng		99
13) 1,4-Dichlorobenzene	7.68	146	491601	35.279	ng		98
14) 1,2-Dichlorobenzene	7.99	146	467612	34.948	ng		95
15) Benzyl Alcohol	7.88	79	417623	39.197	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.18	45	527233	35.565	ng		79
17) 2-Methylphenol	8.08	107	416473	37.553	ng		96
18) Hexachloroethane	8.70	117	188104	36.625	ng	#	82
19) n-Nitroso-di-n-propylamine	8.44	70	357656	36.579	ng	#	83
20) 3+4-Methylphenols	8.40	107	552959	36.327	ng		94
22) Acetophenone	8.45	105	723372	35.893	ng	#	88
24) Nitrobenzene	8.82	77	547940	38.151	ng	#	97
25) Isophorone	9.35	82	972780	39.840	ng		98
26) 2-Nitrophenol	9.53	139	225345	39.637	ng		92
27) 2,4-Dimethylphenol	9.59	122	432785	44.689	ng		95
28) bis(2-Chloroethoxy)methane	9.83	93	641464	39.930	ng		97
29) 2,4-Dichlorophenol	10.05	162	384341	40.880	ng		96
30) 1,2,4-Trichlorobenzene	10.27	180	402983	35.581	ng		98
31) Naphthalene	10.45	128	1369001	36.198	ng		98
32) Benzoic acid	9.73	122	247158	30.687	ng		93
33) 4-Chloroaniline	10.56	127	122341	7.959	ng		97
34) Hexachlorobutadiene	10.75	225	212737	34.923	ng		97
35) Caprolactam	11.33	113	112814	36.767	ng		98
36) 4-Chloro-3-methylphenol	11.69	107	434644	38.855	ng		99
37) 2-Methylnaphthalene	12.07	142	913509	36.911	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.45	216	392884	38.807	ng	#	96
40) Hexachlorocyclopentadiene	12.43	237	539641	95.579	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.69	196	254975	42.593	ng		99
43) 2,4,5-Trichlorophenol	12.76	196	274224	39.416	ng	#	93
45) 1,1'-Biphenyl	13.10	154	1118505	37.841	ng		97
46) 2-Chloronaphthalene	13.13	162	832278	37.467	ng		97
47) 2-Nitroaniline	13.34	65	242702	38.523	ng		89
48) Acenaphthylene	13.99	152	1299631	37.129	ng		98
49) Dimethylphthalate	13.74	163	937273	35.761	ng		100
50) 2,6-Dinitrotoluene	13.85	165	202073	37.234	ng		94
51) Acenaphthene	14.33	154	771693	35.680	ng		98
52) 3-Nitroaniline	14.17	138	84838	13.649	ng	#	96
53) 2,4-Dinitrophenol	14.37	184	223824	79.039	ng		96
54) Dibenzofuran	14.67	168	1173214	37.733	ng		97
55) 4-Nitrophenol	14.49	139	364978	77.149	ng	#	85
56) 2,4-Dinitrotoluene	14.63	165	266669	37.843	ng		96
57) Fluorene	15.32	166	897775	36.560	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.89	232	216167m	40.100	ng		
59) Diethylphthalate	15.12	149	922164	35.802	ng		98
60) 4-Chlorophenyl-phenylether	15.32	204	416271	36.259	ng		92
61) 4-Nitroaniline	15.34	138	203745	33.631	ng		93
62) Azobenzene	15.62	77	1072285	37.720	ng		89
64) 4,6-Dinitro-2-methylphenol	15.40	198	125226	36.021	ng		88
65) n-Nitrosodiphenylamine	15.54	169	769955	39.546	ng		97
66) 4-Bromophenyl-phenylether	16.22	248	227518	38.999	ng	#	87
67) Hexachlorobenzene	16.32	284	252510	37.487	ng	#	91
68) Atrazine	16.50	200	222922	41.378	ng		95
69) Pentachlorophenol	16.66	266	305375	69.821	ng		98
70) Phenanthrene	17.06	178	1263822	37.269	ng		99
71) Anthracene	17.15	178	1287554	38.929	ng		99
72) Carbazole	17.42	167	1132663	36.146	ng		96
73) Di-n-butylphthalate	18.01	149	1315376	36.100	ng		99
74) Fluoranthene	19.08	202	1220473	35.957	ng		94
76) Benzidine	19.27	184	323738	27.507	ng		96
77) Pyrene	19.45	202	1233491	40.084	ng		100
79) Butylbenzylphthalate	20.37	149	503909	38.037	ng	#	93
80) Benzo(a)anthracene	21.20	228	1037478	38.295	ng		98
81) 3,3'-Dichlorobenzidine	21.15	252	167982	20.349	ng	#	97
82) Chrysene	21.26	228	982883	37.195	ng		98
83) Bis(2-ethylhexyl)phthalate	21.17	149	735762	37.917	ng	#	94
84) Di-n-octyl phthalate	22.04	149	1149224	42.240	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.26	276	815367	36.295	ng	#	90
87) Benzo(b)fluoranthene	22.76	252	926485	39.096	ng	#	94
88) Benzo(k)fluoranthene	22.80	252	921865	38.705	ng	#	96
89) Benzo(a)pyrene	23.32	252	873301	40.342	ng	#	94
90) Dibenzo(a,h)anthracene	25.61	278	827410	38.774	ng	#	90
91) Benzo(g,h,i)perylene	26.26	276	815367	39.362	ng	#	88

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

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