Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090418\
Data File : BM016644.D
Acq On : 04 Sep 2018 13:54
Operator : SJ/JU
Sample : PB112563BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB112563BS

Manual Integrations APPROVED
Sohil
9/5/2018 3:29:30 PM

Quant Time: Sep 04 18:41:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 27 13:01:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	88846	20.00	ng		-0.01
21) Naphthalene-d8	10.80	136	351776	20.00	ng		-0.01
38) Acenaphthene-d10	14.64	164	236114	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	676619	20.00	ng		0.00
75) Chrysene-d12	21.52	240	824723	20.00	ng		-0.01
86) Perylene-d12	23.80	264	815821	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	532955	117.55	ng		0.00
7) Phenol-d6	7.18	99	628678	104.79	ng		0.00
23) Nitrobenzene-d5	9.19	82	561361	72.86	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	641341	97.17	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	1817460	73.99	ng		-0.01
78) Terphenyl-d14	19.97	244	3174781	81.48	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	101907	40.685	ng	#	100
3) Pyridine	3.80	79	182492	35.018	ng	#	84
4) n-Nitrosodimethylamine	3.72	42	117929m	50.795	ng		
6) Aniline	7.33	93	212437	31.642	ng	#	83
8) 2-Chlorophenol	7.56	128	228319	42.321	ng		93
9) Benzaldehyde	7.15	77	149512	35.908	ng	#	68
10) Phenol	7.20	94	234067	39.450	ng		81
11) bis(2-Chloroethyl)ether	7.43	93	168934	37.969	ng		95
12) 1,3-Dichlorobenzene	7.88	146	261274	36.528	ng	#	81
13) 1,4-Dichlorobenzene	8.03	146	272077	37.065	ng		96
14) 1,2-Dichlorobenzene	8.35	146	264355	36.656	ng		95
15) Benzyl Alcohol	8.26	79	193094	34.657	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	8.52	45	112696	36.785	ng	#	39
17) 2-Methylphenol	8.46	107	170983	39.795	ng	#	76
18) Hexachloroethane	9.05	117	158753	46.944	ng	#	51
19) n-Nitroso-di-n-propylamine	8.82	70	176963	37.621	ng	#	86
20) 3+4-Methylphenols	8.79	107	221730	37.324	ng	#	83
22) Acetophenone	8.84	105	344146	40.627	ng		98
24) Nitrobenzene	9.23	77	311007	40.402	ng		91
25) Isophorone	9.74	82	466133	45.269	ng	#	91
26) 2-Nitrophenol	9.93	139	125138	38.025	ng	#	34
27) 2,4-Dimethylphenol	9.99	122	191849	44.734	ng	#	76
28) bis(2-Chloroethoxy)methane	10.22	93	243735	39.653	ng		99
29) 2,4-Dichlorophenol	10.47	162	271073	42.232	ng		94
30) 1,2,4-Trichlorobenzene	10.66	180	426403	43.781	ng	#	94
31) Naphthalene	10.85	128	688000	41.050	ng		99
32) Benzoic acid	10.17	122	31002	8.640	ng	#	67
33) 4-Chloroaniline	10.99	127	169799	24.073	ng	#	86
34) Hexachlorobutadiene	11.10	225	496297	53.388	ng		99
35) Caprolactam	11.82	113	44900m	29.152	ng		
36) 4-Chloro-3-methylphenol	12.12	107	217865	35.307	ng		96
37) 2-Methylnaphthalene	12.46	142	555686	42.352	ng	#	85
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	702144	52.654	ng	#	100
40) Hexachlorocyclopentadiene	12.77	237	797796	113.334	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	372585	46.723	ng		99
43) 2,4,5-Trichlorophenol	13.17	196	359647	46.171	ng	#	96
45) 1,1'-Biphenyl	13.47	154	755866	36.509	ng		99
46) 2-Chloronaphthalene	13.52	162	625387	37.181	ng		96
47) 2-Nitroaniline	13.76	65	154553	34.497	ng	#	85
48) Acenaphthylene	14.36	152	904033	38.076	ng		98
49) Dimethylphthalate	14.10	163	817160	36.023	ng	#	97
50) 2,6-Dinitrotoluene	14.25	165	155964	35.250	ng	#	71
51) Acenaphthene	14.70	154	529539	36.303	ng		98
52) 3-Nitroaniline	14.59	138	91999	22.852	ng	#	72
53) 2,4-Dinitrophenol	14.82	184	122340	55.252	ng	#	74
54) Dibenzofuran	15.04	168	1029762	36.878	ng	#	90
55) 4-Nitrophenol	14.91	139	144436	56.250	ng	#	78
56) 2,4-Dinitrotoluene	15.05	165	230762	31.277	ng		91
57) Fluorene	15.69	166	803247	38.079	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.27	232	332051	44.352	ng	#	100
59) Diethylphthalate	15.46	149	766688	32.415	ng	#	93
60) 4-Chlorophenyl-phenylether	15.67	204	752728	42.551	ng	#	83
61) 4-Nitroaniline	15.76	138	98498	25.034	ng	#	1
62) Azobenzene	15.97	77	993600	39.440	ng		91
64) 4,6-Dinitro-2-methylphenol	15.82	198	142243	27.668	ng	#	60
65) n-Nitrosodiphenylamine	15.90	169	668104	35.099	ng		96
66) 4-Bromophenyl-phenylether	16.57	248	457262	43.982	ng		95
67) Hexachlorobenzene	16.69	284	500404	41.273	ng		96
68) Atrazine	16.84	200	374090	43.064	ng		92
69) Pentachlorophenol	17.04	266	382983	59.701	ng		99
70) Phenanthrene	17.42	178	1281642	36.648	ng		99
71) Anthracene	17.52	178	1302615	37.511	ng		98
72) Carbazole	17.79	167	848232	27.180	ng		97
73) Di-n-butylphthalate	18.32	149	1196803	31.456	ng	#	96
74) Fluoranthene	19.42	202	1837344	35.832	ng		93
76) Benzidine	19.62	184	519851	32.777	ng		97
77) Pyrene	19.79	202	1848363	41.239	ng		100
79) Butylbenzylphthalate	20.65	149	502262	32.465	ng	#	70
80) Benzo(a)anthracene	21.51	228	1888711	38.953	ng		98
81) 3,3'-Dichlorobenzidine	21.44	252	567600	26.299	ng	#	93
82) Chrysene	21.56	228	1712078	37.008	ng		99
83) Bis(2-ethylhexyl)phthalate	21.40	149	701843	30.516	ng	#	93
84) Di-n-octyl phthalate	22.28	149	1117488	29.238	ng	#	95
85) Indeno(1,2,3-cd)pyrene	26.11	276	2681546	40.305	ng	#	91
87) Benzo(b)fluoranthene	23.12	252	1963243	41.746	ng	#	89
88) Benzo(k)fluoranthene	23.16	252	1882948	39.351	ng	#	93
89) Benzo(a)pyrene	23.70	252	1866082	40.781	ng	#	95
90) Dibenzo(a,h)anthracene	26.11	278	2259317	44.056	ng	#	87
91) Benzo(g,h,i)perylene	26.82	276	2100443	45.628	ng	#	79

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

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