Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050819\
Data File : BM020196.D
Acq On : 08 May 2019 15:55
Operator : JU/SJ
Sample : PB119288BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB119532BS

Manual Integrations APPROVED
Sohil
5/9/2019 6:45:27 PM

Quant Time: May 09 02:13:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	1690645	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	6183170	20.00	ng		0.00
39) Acenaphthene-d10	14.44	164	3541451	20.00	ng		0.00
64) Phenanthrene-d10	17.19	188	7644229	20.00	ng		0.00
76) Chrysene-d12	21.37	240	7227050	20.00	ng		0.00
87) Perylene-d12	23.67	264	8818108	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1303784	12.61	ng		0.00
7) Phenol-d6	6.96	99	1713466	12.13	ng		0.00
23) Nitrobenzene-d5	8.95	82	1063770	6.79	ng		0.00
42) 2,4,6-Tribromophenol	15.93	330	662040	12.04	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	1997298	6.94	ng		-0.01
79) Terphenyl-d14	19.80	244	2859376	6.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	152433	3.005	ng		95
3) Pyridine	3.70	79	396335	3.055	ng		95
4) n-Nitrosodimethylamine	3.62	42	140385	3.374	ng	#	76
6) Aniline	7.12	93	469803	2.641	ng		99
8) 2-Chlorophenol	7.35	128	399189	3.545	ng		98
9) Benzaldehyde	6.94	77	171639	1.605	ng		91
10) Phenol	6.99	94	533716	3.509	ng		90
11) bis(2-Chloroethyl)ether	7.22	93	402426	3.640	ng		96
12) 1,3-Dichlorobenzene	7.67	146	463056	3.534	ng		94
13) 1,4-Dichlorobenzene	7.82	146	465587	3.517	ng		95
14) 1,2-Dichlorobenzene	8.13	146	442281	3.507	ng		98
15) Benzyl Alcohol	8.03	79	435121	3.194	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.31	45	300722	3.280	ng		98
17) 2-Methylphenol	8.23	107	336530	3.437	ng		97
18) Hexachloroethane	8.86	117	187028	3.389	ng		97
19) n-Nitroso-di-n-propylamine	8.59	70	381506	3.156	ng		95
20) 3+4-Methylphenols	8.56	107	444687	3.417	ng		96
22) Acetophenone	8.62	105	622739	3.685	ng	#	96
24) Nitrobenzene	9.00	77	562159	3.462	ng		95
25) Isophorone	9.52	82	944325	3.496	ng		99
26) 2-Nitrophenol	9.70	139	215383	4.393	ng		97
27) 2,4-Dimethylphenol	9.76	122	340984	4.178	ng		99
28) bis(2-Chloroethoxy)methane	10.00	93	518018	3.522	ng		99
29) 2,4-Dichlorophenol	10.23	162	381109	3.703	ng		98
30) 1,2,4-Trichlorobenzene	10.44	180	467437	3.691	ng		98
31) Naphthalene	10.63	128	1143853	3.565	ng		99
32) Benzoic acid	9.90	122	219068	9.863	ng	#	88
33) 4-Chloroaniline	10.75	127	276271	2.092	ng		97
34) Hexachlorobutadiene	10.89	225	310737	3.469	ng		100
35) Caprolactam	11.55	113	105547m	3.430	ng		
36) 4-Chloro-3-methylphenol	11.87	107	394402	3.261	ng		92
37) 2-Methylnaphthalene	12.25	142	828060	3.540	ng		98
38) 1-Methylnaphthalene	12.46	142	787539	3.443	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	523363	3.777	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	588050	7.208	ng		98
43) 2,4,6-Trichlorophenol	12.86	196	323998	4.115	ng		97
44) 2,4,5-Trichlorophenol	12.93	196	337079	3.832	ng		97
46) 1,1'-Biphenyl	13.26	154	1059956	3.636	ng		97
47) 2-Chloronaphthalene	13.30	162	852075	3.661	ng		98
48) 2-Nitroaniline	13.52	65	283127	3.417	ng		91
49) Acenaphthylene	14.15	152	1277517	3.430	ng		99
50) Dimethylphthalate	13.89	163	1015839	3.375	ng		99
51) 2,6-Dinitrotoluene	14.02	165	219665	3.465	ng		88
52) Acenaphthene	14.50	154	747876	3.501	ng		99
53) 3-Nitroaniline	14.35	138	150049	2.550	ng		99
54) 2,4-Dinitrophenol	14.56	184	261236	15.827	ng		89
55) Dibenzofuran	14.83	168	1231801	3.419	ng		97
56) 4-Nitrophenol	14.66	139	326214	6.498	ng		91
57) 2,4-Dinitrotoluene	14.80	165	297414	3.453	ng		95
58) Fluorene	15.48	166	969088	3.275	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.06	232	305626	3.656	ng		96
60) Diethylphthalate	15.25	149	959344	3.164	ng		100
61) 4-Chlorophenyl-phenylether	15.47	204	562392	3.354	ng		95
62) 4-Nitroaniline	15.52	138	191669	2.952	ng		96
63) Azobenzene	15.77	77	1085628	3.035	ng		97
65) 4,6-Dinitro-2-methylphenol	15.57	198	158503	10.658	ng		93
66) n-Nitrosodiphenylamine	15.69	169	844884	3.756	ng		98
67) 4-Bromophenyl-phenylether	16.37	248	341650	3.645	ng		95
68) Hexachlorobenzene	16.47	284	390174	3.617	ng		97
69) Atrazine	16.64	200	287006	3.265	ng		99
70) Pentachlorophenol	16.83	266	465216	7.538	ng		98
71) Phenanthrene	17.23	178	1472249	3.489	ng		99
72) Anthracene	17.31	178	1477285	3.502	ng		100
73) Carbazole	17.59	167	1264431	3.322	ng		99
74) Di-n-butylphthalate	18.14	149	1526011	3.331	ng		97
75) Fluoranthene	19.24	202	1715879	3.214	ng		100
77) Benzidine	19.43	184	574977	2.489	ng		99
78) Pyrene	19.60	202	1748863	3.604	ng		100
80) Butylbenzylphthalate	20.50	149	673979	3.820	ng		98
81) Benzo(a)anthracene	21.35	228	1746240	3.445	ng		99
82) 3,3'-Dichlorobenzidine	21.29	252	654816	3.385	ng		99
83) Chrysene	21.40	228	1674539	3.407	ng		99
84) Bis(2-ethylhexyl)phthalate	21.26	149	959698	3.505	ng		98
85) Di-n-octyl phthalate	22.16	149	1692551	3.719	ng		97
86) Indeno(1,2,3-cd)pyrene	25.99	276	2389168	4.086	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	1956117	3.359	ng		99
89) Benzo(k)fluoranthene	23.01	252	1811507	3.410	ng		99
90) Benzo(a)pyrene	23.56	252	1877617	3.550	ng		99
91) Dibenzo(a,h)anthracene	26.00	278	2064981	3.754	ng		100
92) Benzo(g,h,i)perylene	26.71	276	1985092	3.801	ng		99

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

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