Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018611.D
Acq On : 17 Jan 2019 13:24
Operator : JU/SJ
Sample : PB116441BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB116441BS

Manual Integrations APPROVED
Sohil
1/18/2019 12:06:56 PM

Quant Time: Jan 18 08:14:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	292065	20.00	ng		-0.02
21) Naphthalene-d8	10.53	136	1075666	20.00	ng		-0.02
39) Acenaphthene-d10	14.39	164	539689	20.00	ng		-0.02
64) Phenanthrene-d10	17.14	188	1033288	20.00	ng		-0.02
76) Chrysene-d12	21.33	240	925791m	20.00	ng		-0.02
87) Perylene-d12	23.61	264	994399	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	2141861	135.41	ng		-0.02
7) Phenol-d6	6.92	99	2551791	127.02	ng		-0.01
23) Nitrobenzene-d5	8.91	82	1456065	78.47	ng		-0.01
42) 2,4,6-Tribromophenol	15.89	330	900517	131.05	ng		-0.02
45) 2-Fluorobiphenyl	13.00	172	3513964	84.96	ng		-0.02
79) Terphenyl-d14	19.77	244	4167478	94.89	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	217542	33.745	ng		96
3) Pyridine	3.67	79	572859	35.642	ng		95
4) n-Nitrosodimethylamine	3.59	42	277570	41.763	ng	#	95
6) Aniline	7.08	93	670757	29.931	ng		98
8) 2-Chlorophenol	7.31	128	740099	40.063	ng		94
9) Benzaldehyde	6.89	77	189329	13.700	ng		94
10) Phenol	6.95	94	761918	37.322	ng		99
11) bis(2-Chloroethyl)ether	7.17	93	615908	38.396	ng		95
12) 1,3-Dichlorobenzene	7.63	146	832647	37.847	ng		98
13) 1,4-Dichlorobenzene	7.77	146	846083	37.944	ng		100
14) 1,2-Dichlorobenzene	8.09	146	808256	38.227	ng		100
15) Benzyl Alcohol	7.99	79	564872	38.930	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.26	45	764879	37.312	ng		96
17) 2-Methylphenol	8.19	107	537337	38.776	ng		99
18) Hexachloroethane	8.80	117	311388	39.166	ng		96
19) n-Nitroso-di-n-propylamine	8.55	70	470279	35.971	ng		93
20) 3+4-Methylphenols	8.52	107	706857	36.951	ng		98
22) Acetophenone	8.57	105	972355	36.542	ng	#	96
24) Nitrobenzene	8.95	77	700216	38.353	ng		95
25) Isophorone	9.47	82	1244914	44.306	ng		97
26) 2-Nitrophenol	9.65	139	392004	44.405	ng		97
27) 2,4-Dimethylphenol	9.71	122	593041	44.818	ng		100
28) bis(2-Chloroethoxy)methane	9.95	93	792710	40.839	ng		99
29) 2,4-Dichlorophenol	10.18	162	645959	40.997	ng		97
30) 1,2,4-Trichlorobenzene	10.39	180	761771	38.951	ng		100
31) Naphthalene	10.58	128	2143529	41.377	ng		99
32) Benzoic acid	9.84	122	298658m	35.484	ng		
33) 4-Chloroaniline	10.70	127	260508	12.769	ng		98
34) Hexachlorobutadiene	10.85	225	488080	39.504	ng		99
35) Caprolactam	11.52	113	158967m	29.675	ng		
36) 4-Chloro-3-methylphenol	11.83	107	588676	35.612	ng		99
37) 2-Methylnaphthalene	12.20	142	1523329	41.619	ng		99
38) 1-Methylnaphthalene	12.42	142	1424079	40.211	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.56	216	806457	42.731	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	1076468	103.928	ng		99
43) 2,4,6-Trichlorophenol	12.82	196	491869	42.918	ng		98
44) 2,4,5-Trichlorophenol	12.89	196	500688	41.540	ng		96
46) 1,1'-Biphenyl	13.22	154	1866113	39.601	ng		99
47) 2-Chloronaphthalene	13.26	162	1436335	39.307	ng		100
48) 2-Nitroaniline	13.48	65	330064	36.714	ng		89
49) Acenaphthylene	14.11	152	2209381	41.488	ng		100
50) Dimethylphthalate	13.85	163	1680307	37.910	ng		100
51) 2,6-Dinitrotoluene	13.98	165	357426	38.070	ng		89
52) Acenaphthene	14.46	154	1275073	39.133	ng		98
53) 3-Nitroaniline	14.31	138	219673	23.208	ng		97
54) 2,4-Dinitrophenol	14.52	184	310618	62.815	ng		92
55) Dibenzofuran	14.79	168	2006526	37.270	ng		99
56) 4-Nitrophenol	14.63	139	524176	64.103	ng		95
57) 2,4-Dinitrotoluene	14.76	165	474524	35.722	ng		98
58) Fluorene	15.44	166	1571221	39.178	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.02	232	428685	40.125	ng		96
60) Diethylphthalate	15.22	149	1687620	37.716	ng		100
61) 4-Chlorophenyl-phenylether	15.43	204	834176	36.089	ng		99
62) 4-Nitroaniline	15.48	138	312235	30.243	ng		98
63) Azobenzene	15.73	77	1312375	35.974	ng		97
65) 4,6-Dinitro-2-methylphenol	15.53	198	231331	36.571	ng		84
66) n-Nitrosodiphenylamine	15.66	169	1329859	41.491	ng		99
67) 4-Bromophenyl-phenylether	16.33	248	491100	42.471	ng		95
68) Hexachlorobenzene	16.43	284	523426	40.435	ng		98
69) Atrazine	16.61	200	461127	39.796	ng		99
70) Pentachlorophenol	16.79	266	617093	72.789	ng		98
71) Phenanthrene	17.18	178	2216227	40.324	ng		100
72) Anthracene	17.27	178	2253415	42.638	ng		99
73) Carbazole	17.55	167	1842048	33.925	ng		99
74) Di-n-butylphthalate	18.10	149	2623028	44.102	ng		100
75) Fluoranthene	19.20	202	2312602	36.496	ng		97
77) Benzidine	19.40	184	743997	32.547	ng		99
78) Pyrene	19.57	202	2280990	41.566	ng		99
80) Butylbenzylphthalate	20.47	149	1032748	44.104	ng		97
81) Benzo(a)anthracene	21.32	228	2129355	39.042	ng		100
82) 3,3'-Dichlorobenzidine	21.26	252	548673	26.604	ng		99
83) Chrysene	21.37	228	2004927	38.068	ng		99
84) Bis(2-ethylhexyl)phthalate	21.24	149	1527531	45.176	ng		99
85) Di-n-octyl phthalate	22.13	149	2499975	43.959	ng	#	94
86) Indeno(1,2,3-cd)pyrene	25.91	276	2991641	49.261	ng		96
88) Benzo(b)fluoranthene	22.92	252	2244733	39.762	ng		98
89) Benzo(k)fluoranthene	22.97	252	2144803	37.699	ng		98
90) Benzo(a)pyrene	23.51	252	2259843	41.813	ng	#	97
91) Dibenzo(a,h)anthracene	25.93	278	2534914	46.289	ng		98
92) Benzo(g,h,i)perylene	26.63	276	2552501	47.897	ng		96

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

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