Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022719\
Data File : BM018949.D
Acq On : 27 Feb 2019 14:56
Operator : JU/SJ
Sample : PB117349BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB117349BSD

Manual Integrations APPROVED
Sohil
2/28/2019 1:33:21 PM

Quant Time: Feb 28 03:29:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	508107	20.00	ng		-0.02
21) Naphthalene-d8	10.48	136	2265805	20.00	ng		-0.02
39) Acenaphthene-d10	14.35	164	1297192	20.00	ng		-0.02
64) Phenanthrene-d10	17.10	188	2932169	20.00	ng		-0.01
76) Chrysene-d12	21.30	240	3104686	20.00	ng		0.00
87) Perylene-d12	23.55	264	2360403	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	4222009	136.15	ng		-0.02
7) Phenol-d6	6.88	99	6742865	154.35	ng		0.00
23) Nitrobenzene-d5	8.87	82	3535500	72.15	ng		-0.02
42) 2,4,6-Tribromophenol	15.86	330	3109126	166.28	ng		0.00
45) 2-Fluorobiphenyl	12.96	172	6986916	71.50	ng		-0.02
79) Terphenyl-d14	19.74	244	11751751	78.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	444369	32.900	ng		100
3) Pyridine	3.64	79	1357214	36.838	ng		99
4) n-Nitrosodimethylamine	3.56	42	482279	51.456	ng		90
6) Aniline	7.05	93	2417411	45.162	ng		99
8) 2-Chlorophenol	7.26	128	1513070	44.440	ng		98
9) Benzaldehyde	6.85	77	1001550	42.706	ng		100
10) Phenol	6.91	94	2099511	45.674	ng		99
11) bis(2-Chloroethyl)ether	7.14	93	1537352	43.843	ng		100
12) 1,3-Dichlorobenzene	7.58	146	1554935	40.615	ng		98
13) 1,4-Dichlorobenzene	7.73	146	1612448	41.371	ng		100
14) 1,2-Dichlorobenzene	8.04	146	1582238	42.263	ng		99
15) Benzyl Alcohol	7.95	79	1652887	47.616	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	1489702	43.895	ng		99
17) 2-Methylphenol	8.14	107	1360551	46.504	ng		98
18) Hexachloroethane	8.76	117	619514	43.543	ng		99
19) n-Nitroso-di-n-propylamine	8.51	70	1534452	45.364	ng		99
20) 3+4-Methylphenols	8.47	107	1878364	46.495	ng		100
22) Acetophenone	8.53	105	2546890	40.932	ng	#	99
24) Nitrobenzene	8.91	77	2146232	42.195	ng		98
25) Isophorone	9.43	82	3874807	49.557	ng		99
26) 2-Nitrophenol	9.61	139	927523	45.790	ng		98
27) 2,4-Dimethylphenol	9.67	122	1344457	45.443	ng		99
28) bis(2-Chloroethoxy)methane	9.91	93	2191151	43.337	ng		99
29) 2,4-Dichlorophenol	10.14	162	1512485	44.523	ng		99
30) 1,2,4-Trichlorobenzene	10.35	180	1636217	41.707	ng		97
31) Naphthalene	10.53	128	4936791	44.675	ng		100
32) Benzoic acid	9.89	122	1240851m	48.081	ng		
33) 4-Chloroaniline	10.66	127	2135824	43.237	ng		99
34) Hexachlorobutadiene	10.79	225	892553	39.196	ng		99
35) Caprolactam	11.51	113	543646m	39.213	ng		
36) 4-Chloro-3-methylphenol	11.79	107	1776468	43.373	ng		98
37) 2-Methylnaphthalene	12.15	142	3653861	46.963	ng		99
38) 1-Methylnaphthalene	12.37	142	3485538	45.814	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	1757064	42.343	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	1764538	83.171 ng	99
43) 2,4,6-Trichlorophenol	12.77	196	1218661	44.363 ng	99
44) 2,4,5-Trichlorophenol	12.85	196	1301533	45.204 ng	99
46) 1,1'-Biphenyl	13.17	154	4578733	41.006 ng	100
47) 2-Chloronaphthalene	13.22	162	3597089	41.708 ng	100
48) 2-Nitroaniline	13.45	65	1325592	46.279 ng	99
49) Acenaphthylene	14.07	152	5703746	44.415 ng	99
50) Dimethylphthalate	13.82	163	4522547	41.834 ng	99
51) 2,6-Dinitrotoluene	13.95	165	1030071	43.985 ng	96
52) Acenaphthene	14.42	154	3373868	42.846 ng	99
53) 3-Nitroaniline	14.29	138	1110609	41.972 ng	100
54) 2,4-Dinitrophenol	14.49	184	1315784	87.932 ng	97
55) Dibenzofuran	14.75	168	5449562	42.105 ng	99
56) 4-Nitrophenol	14.60	139	1875822	88.806 ng	98
57) 2,4-Dinitrotoluene	14.74	165	1482984	45.961 ng	96
58) Fluorene	15.40	166	4566210	46.116 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.98	232	1146328	45.042 ng	99
60) Diethylphthalate	15.19	149	4626310	41.485 ng	98
61) 4-Chlorophenyl-phenylether	15.40	204	2253320	40.589 ng	95
62) 4-Nitroaniline	15.46	138	1119720	43.164 ng	97
63) Azobenzene	15.69	77	5037026	42.126 ng	98
65) 4,6-Dinitro-2-methylphenol	15.50	198	827635	40.202 ng	96
66) n-Nitrosodiphenylamine	15.62	169	3903244	42.134 ng	100
67) 4-Bromophenyl-phenylether	16.29	248	1352903	41.221 ng	99
68) Hexachlorobenzene	16.40	284	1591037	41.706 ng	96
69) Atrazine	16.57	200	516288	17.287 ng	99
70) Pentachlorophenol	16.75	266	2012480	81.930 ng	99
71) Phenanthrene	17.14	178	6955781	44.141 ng	99
72) Anthracene	17.24	178	7118974	46.415 ng	99
73) Carbazole	17.52	167	6550904	40.881 ng	99
74) Di-n-butylphthalate	18.07	149	8064498	43.760 ng	100
75) Fluoranthene	19.17	202	8149295	44.770 ng	98
77) Benzidine	19.37	184	5492756	78.556 ng	100
78) Pyrene	19.53	202	8350859	46.312 ng	99
80) Butylbenzylphthalate	20.43	149	4047216	49.250 ng	99
81) Benzo(a)anthracene	21.29	228	8027554	44.356 ng	99
82) 3,3'-Dichlorobenzidine	21.23	252	3270940	45.731 ng	98
83) Chrysene	21.34	228	7414473	42.743 ng	98
84) Bis(2-ethylhexyl)phthalate	21.20	149	5835804	48.520 ng	98
85) Di-n-octyl phthalate	22.09	149	9640706	47.691 ng	100
86) Indeno(1,2,3-cd)pyrene	25.85	276	7058040	35.242 ng	100
88) Benzo(b)fluoranthene	22.87	252	7126718	52.772 ng	99
89) Benzo(k)fluoranthene	22.92	252	6896485	51.295 ng	99
90) Benzo(a)pyrene	23.46	252	6520676	50.969 ng	99
91) Dibenzo(a,h)anthracene	25.86	278	6115007	48.245 ng	99
92) Benzo(g,h,i)perylene	26.55	276	5633884	47.745 ng	100

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

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