Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051119\
Data File : BM020270.D
Acq On : 11 May 2019 13:41
Operator : JU/SJ
Sample : PB119644BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB119644BS

Manual Integrations APPROVED
Sohil
5/14/2019 8:06:01 PM

Quant Time: May 12 03:53:30 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	7.77	152	55179	20.00	ng		-0.02
21) Naphthalene-d8	10.56	136	197079	20.00	ng		-0.03
39) Acenaphthene-d10	14.42	164	116764	20.00	ng		-0.02
64) Phenanthrene-d10	17.16	188	271819	20.00	ng		-0.02
76) Chrysene-d12	21.35	240	291432	20.00	ng		-0.02
87) Perylene-d12	23.64	264	342663	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	416478	123.38	ng		-0.02
7) Phenol-d6	6.93	99	558503	121.11	ng		-0.02
23) Nitrobenzene-d5	8.93	82	380833	76.29	ng		-0.02
42) 2,4,6-Tribromophenol	15.91	330	235415	129.89	ng		-0.01
45) 2-Fluorobiphenyl	13.03	172	760087	80.09	ng		-0.03
79) Terphenyl-d14	19.79	244	1279386	76.57	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	60516	36.552	ng		91
3) Pyridine	3.68	79	166628	39.352	ng		96
4) n-Nitrosodimethylamine	3.60	42	49305	36.312	ng	#	66
6) Aniline	7.10	93	119543	20.592	ng		97
8) 2-Chlorophenol	7.33	128	146787	39.935	ng		98
9) Benzaldehyde	6.92	77	83143	23.820	ng		91
10) Phenol	6.96	94	196854	39.651	ng		91
11) bis(2-Chloroethyl)ether	7.20	93	140413	38.913	ng		96
12) 1,3-Dichlorobenzene	7.65	146	163038	38.124	ng		96
13) 1,4-Dichlorobenzene	7.80	146	165638	38.341	ng		96
14) 1,2-Dichlorobenzene	8.12	146	158621	38.539	ng		99
15) Benzyl Alcohol	8.01	79	151223	34.006	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.30	45	112409	37.569	ng		98
17) 2-Methylphenol	8.21	107	124623	38.995	ng		94
18) Hexachloroethane	8.83	117	65491	36.357	ng		98
19) n-Nitroso-di-n-propylamine	8.57	70	137455	34.838	ng		95
20) 3+4-Methylphenols	8.53	107	163342	38.456	ng		95
22) Acetophenone	8.59	105	224522	41.685	ng	#	96
24) Nitrobenzene	8.97	77	204300	39.473	ng		96
25) Isophorone	9.49	82	347099	40.321	ng		98
26) 2-Nitrophenol	9.68	139	75522	48.333	ng		91
27) 2,4-Dimethylphenol	9.73	122	122373	47.041	ng		97
28) bis(2-Chloroethoxy)methane	9.97	93	186474	39.773	ng		99
29) 2,4-Dichlorophenol	10.21	162	139638	42.569	ng		97
30) 1,2,4-Trichlorobenzene	10.42	180	162509	40.262	ng		97
31) Naphthalene	10.61	128	415395	40.617	ng		99
32) Benzoic acid	9.86	122	70262	39.343	ng	#	88
33) 4-Chloroaniline	10.73	127	57466	13.652	ng		95
34) Hexachlorobutadiene	10.87	225	107609	37.688	ng		98
35) Caprolactam	11.53	113	43454m	44.302	ng		
36) 4-Chloro-3-methylphenol	11.85	107	148757	38.590	ng		93
37) 2-Methylnaphthalene	12.23	142	304736	40.872	ng		96
38) 1-Methylnaphthalene	12.45	142	290496	39.844	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	188565	41.277	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	254681	94.684	ng		98
43) 2,4,6-Trichlorophenol	12.84	196	120536	46.427	ng		98
44) 2,4,5-Trichlorophenol	12.91	196	126436	43.593	ng		98
46) 1,1'-Biphenyl	13.25	154	395021	41.102	ng		99
47) 2-Chloronaphthalene	13.29	162	321485	41.896	ng		99
48) 2-Nitroaniline	13.50	65	106830	39.105	ng		87
49) Acenaphthylene	14.14	152	495993	40.388	ng		99
50) Dimethylphthalate	13.87	163	396950	39.999	ng		99
51) 2,6-Dinitrotoluene	14.00	165	87010	41.627	ng		89
52) Acenaphthene	14.48	154	287086	40.766	ng		99
53) 3-Nitroaniline	14.33	138	36896	19.019	ng		100
54) 2,4-Dinitrophenol	14.55	184	97617	91.835	ng		91
55) Dibenzofuran	14.82	168	483669	40.717	ng		96
56) 4-Nitrophenol	14.65	139	131070	79.187	ng		87
57) 2,4-Dinitrotoluene	14.79	165	124117	43.700	ng		92
58) Fluorene	15.46	166	385159	39.480	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	120488	43.715	ng		99
60) Diethylphthalate	15.24	149	394737	39.480	ng		100
61) 4-Chlorophenyl-phenylether	15.46	204	222029	40.167	ng		97
62) 4-Nitroaniline	15.50	138	65681	30.679	ng		90
63) Azobenzene	15.75	77	437237	37.069	ng		98
65) 4,6-Dinitro-2-methylphenol	15.55	198	64768	47.340	ng		96
66) n-Nitrosodiphenylamine	15.68	169	343806	42.984	ng		98
67) 4-Bromophenyl-phenylether	16.36	248	134359	40.309	ng		95
68) Hexachlorobenzene	16.46	284	156038	40.681	ng		97
69) Atrazine	16.63	200	127856	40.904	ng		96
70) Pentachlorophenol	16.81	266	204511	93.188	ng		98
71) Phenanthrene	17.21	178	618165	41.198	ng		99
72) Anthracene	17.30	178	630708	42.042	ng		100
73) Carbazole	17.57	167	558404	41.252	ng		99
74) Di-n-butylphthalate	18.12	149	666550	40.917	ng		98
75) Fluoranthene	19.22	202	782482	41.217	ng		99
77) Benzidine	19.42	184	241434	25.913	ng		98
78) Pyrene	19.59	202	812907	41.546	ng		99
80) Butylbenzylphthalate	20.49	149	322775	45.363	ng		100
81) Benzo(a)anthracene	21.34	228	808690	39.568	ng		100
82) 3,3'-Dichlorobenzidine	21.27	252	182604	23.409	ng		99
83) Chrysene	21.39	228	816004	41.168	ng		99
84) Bis(2-ethylhexyl)phthalate	21.26	149	462629	41.900	ng		97
85) Di-n-octyl phthalate	22.14	149	832682	45.375	ng		97
86) Indeno(1,2,3-cd)pyrene	25.97	276	1076064	45.640	ng	#	100
88) Benzo(b)fluoranthene	22.94	252	885307	39.125	ng		100
89) Benzo(k)fluoranthene	22.99	252	874984	42.391	ng		99
90) Benzo(a)pyrene	23.54	252	871352	42.395	ng		98
91) Dibenzo(a,h)anthracene	25.98	278	926479	43.345	ng		100
92) Benzo(g,h,i)perylene	26.69	276	899447	44.323	ng		97

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

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