Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020249.D
Acq On : 10 May 2019 21:18
Operator : JU/SJ
Sample : PB119597BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB119597BS

Manual Integrations APPROVED
mohammad
5/13/2019 8:25:24 AM

Quant Time: May 11 02:15:59 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	83336	20.00	ng		-0.02
21) Naphthalene-d8	10.57	136	346602	20.00	ng		-0.02
39) Acenaphthene-d10	14.42	164	235435	20.00	ng		-0.01
64) Phenanthrene-d10	17.17	188	575304	20.00	ng		-0.01
76) Chrysene-d12	21.36	240	584581	20.00	ng		-0.01
87) Perylene-d12	23.64	264	469683	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	794261	155.79	ng		-0.01
7) Phenol-d6	6.95	99	1090106	156.51	ng		0.00
23) Nitrobenzene-d5	8.95	82	640252	72.93	ng		-0.01
42) 2,4,6-Tribromophenol	15.92	330	530665	145.21	ng		0.00
45) 2-Fluorobiphenyl	13.04	172	1377253	71.97	ng		-0.02
79) Terphenyl-d14	19.80	244	2652807	79.15	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	83557	33.417	ng		92
3) Pyridine	3.69	79	224030	35.032	ng		98
4) n-Nitrosodimethylamine	3.61	42	72849	35.525	ng	#	62
6) Aniline	7.11	93	315569	35.993	ng		97
8) 2-Chlorophenol	7.34	128	241648	43.530	ng		99
9) Benzaldehyde	6.93	77	145993	27.694	ng		93
10) Phenol	6.97	94	337496	45.011	ng		90
11) bis(2-Chloroethyl)ether	7.21	93	228770	41.978	ng		97
12) 1,3-Dichlorobenzene	7.66	146	243536	37.706	ng		96
13) 1,4-Dichlorobenzene	7.81	146	249516	38.242	ng		96
14) 1,2-Dichlorobenzene	8.12	146	238138	38.309	ng		97
15) Benzyl Alcohol	8.02	79	268542	39.985	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.30	45	178219	39.439	ng		97
17) 2-Methylphenol	8.22	107	219463	45.468	ng		94
18) Hexachloroethane	8.84	117	97531	35.850	ng		99
19) n-Nitroso-di-n-propylamine	8.58	70	235468	39.515	ng		96
20) 3+4-Methylphenols	8.55	107	297269	46.340	ng		96
22) Acetophenone	8.60	105	374110	39.494	ng	#	96
24) Nitrobenzene	8.99	77	340214	37.376	ng		95
25) Isophorone	9.50	82	603110	39.837	ng		99
26) 2-Nitrophenol	9.69	139	129892	47.267	ng		94
27) 2,4-Dimethylphenol	9.74	122	226138	49.428	ng		98
28) bis(2-Chloroethoxy)methane	9.99	93	330530	40.086	ng		100
29) 2,4-Dichlorophenol	10.22	162	255893	44.356	ng		98
30) 1,2,4-Trichlorobenzene	10.43	180	271561	38.256	ng		98
31) Naphthalene	10.62	128	700161	38.927	ng		99
32) Benzoic acid	9.90	122	157441m	48.316	ng		
33) 4-Chloroaniline	10.73	127	200292	27.055	ng		96
34) Hexachlorobutadiene	10.88	225	173365	34.524	ng		97
35) Caprolactam	11.55	113	82067m	47.574	ng		
36) 4-Chloro-3-methylphenol	11.86	107	290188	42.804	ng		95
37) 2-Methylnaphthalene	12.23	142	548010	41.792	ng		97
38) 1-Methylnaphthalene	12.45	142	527231	41.118	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	336226	36.502	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	372112	68.611	ng		98
43) 2,4,6-Trichlorophenol	12.85	196	232385	44.391	ng		98
44) 2,4,5-Trichlorophenol	12.92	196	246709	42.186	ng		96
46) 1,1'-Biphenyl	13.25	154	734095	37.882	ng		99
47) 2-Chloronaphthalene	13.29	162	587645	37.981	ng		98
48) 2-Nitroaniline	13.51	65	210734	38.257	ng		91
49) Acenaphthylene	14.15	152	926938	37.434	ng		98
50) Dimethylphthalate	13.88	163	772423	38.602	ng		99
51) 2,6-Dinitrotoluene	14.01	165	168886	40.072	ng		89
52) Acenaphthene	14.49	154	546900	38.515	ng		99
53) 3-Nitroaniline	14.34	138	119291	30.497	ng		99
54) 2,4-Dinitrophenol	14.55	184	220905	102.032	ng		90
55) Dibenzofuran	14.82	168	926242	38.671	ng		97
56) 4-Nitrophenol	14.65	139	278483	83.443	ng		88
57) 2,4-Dinitrotoluene	14.80	165	238285	41.609	ng		93
58) Fluorene	15.47	166	755498	38.407	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	240108	43.204	ng		97
60) Diethylphthalate	15.24	149	766657	38.029	ng		99
61) 4-Chlorophenyl-phenylether	15.46	204	432615	38.815	ng		95
62) 4-Nitroaniline	15.51	138	165550m	38.350	ng		
63) Azobenzene	15.76	77	850545	35.763	ng		97
65) 4,6-Dinitro-2-methylphenol	15.56	198	135850	46.979	ng		98
66) n-Nitrosodiphenylamine	15.69	169	673383	39.778	ng		99
67) 4-Bromophenyl-phenylether	16.36	248	269839	38.249	ng		97
68) Hexachlorobenzene	16.46	284	309995	38.185	ng		96
69) Atrazine	16.63	200	251895	38.076	ng		99
70) Pentachlorophenol	16.82	266	402854	86.731	ng		98
71) Phenanthrene	17.21	178	1217325	38.332	ng		99
72) Anthracene	17.30	178	1255326	39.536	ng		99
73) Carbazole	17.58	167	1094247	38.194	ng		99
74) Di-n-butylphthalate	18.13	149	1334196	38.696	ng		98
75) Fluoranthene	19.23	202	1530652	38.094	ng		99
77) Benzidine	19.42	184	576174	30.829	ng		99
78) Pyrene	19.59	202	1568679	39.968	ng		99
80) Butylbenzylphthalate	20.49	149	639734	44.822	ng		99
81) Benzo(a)anthracene	21.34	228	1502899	36.659	ng		99
82) 3,3'-Dichlorobenzidine	21.28	252	515239	32.929	ng		98
83) Chrysene	21.39	228	1502427	37.788	ng		99
84) Bis(2-ethylhexyl)phthalate	21.26	149	918323	41.464	ng		99
85) Di-n-octyl phthalate	22.15	149	1533314	41.654	ng		97
86) Indeno(1,2,3-cd)pyrene	25.97	276	1323810	27.992	ng	#	100
88) Benzo(b)fluoranthene	22.95	252	1407032	45.366	ng		99
89) Benzo(k)fluoranthene	23.00	252	1376185	48.643	ng		99
90) Benzo(a)pyrene	23.54	252	1284093	45.580	ng		99
91) Dibenzo(a,h)anthracene	25.99	278	1150293	39.262	ng		100
92) Benzo(g,h,i)perylene	26.69	276	1069347	38.444	ng		99

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

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