Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051419\
Data File : BM020339.D
Acq On : 14 May 2019 19:06
Operator : JU/SJ
Sample : PB119718BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB119718BS

Manual Integrations APPROVED
mohammad
5/15/2019 8:19:27 AM

Quant Time: May 15 04:10:39 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	7.76	152	66209	20.00	ng		-0.04
21) Naphthalene-d8	10.55	136	233141	20.00	ng		-0.04
39) Acenaphthene-d10	14.40	164	139893	20.00	ng		-0.03
64) Phenanthrene-d10	17.16	188	342919	20.00	ng		-0.02
76) Chrysene-d12	21.35	240	373306	20.00	ng		-0.02
87) Perylene-d12	23.63	264	435002	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	325457	80.35	ng		-0.02
7) Phenol-d6	6.93	99	413884	74.80	ng		-0.02
23) Nitrobenzene-d5	8.93	82	442698	74.97	ng		-0.03
42) 2,4,6-Tribromophenol	15.90	330	190599	87.78	ng		-0.02
45) 2-Fluorobiphenyl	13.02	172	904997	79.59	ng		-0.04
79) Terphenyl-d14	19.79	244	1500407	70.10	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	60288	30.348	ng		91
3) Pyridine	3.68	79	166626	32.796	ng		93
4) n-Nitrosodimethylamine	3.60	42	51845	31.822	ng	#	54
6) Aniline	7.09	93	120046	17.234	ng		100
8) 2-Chlorophenol	7.32	128	163060	36.972	ng		98
9) Benzaldehyde	6.92	77	82268	19.643	ng		94
10) Phenol	6.96	94	215330	36.147	ng		88
11) bis(2-Chloroethyl)ether	7.19	93	160400	37.047	ng		96
12) 1,3-Dichlorobenzene	7.65	146	185460	36.142	ng		92
13) 1,4-Dichlorobenzene	7.79	146	188946	36.450	ng		97
14) 1,2-Dichlorobenzene	8.10	146	182626	36.979	ng		97
15) Benzyl Alcohol	8.00	79	157441	29.507	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.29	45	124478	34.672	ng		96
17) 2-Methylphenol	8.20	107	139429	36.359	ng		93
18) Hexachloroethane	8.82	117	69741	32.266	ng		96
19) n-Nitroso-di-n-propylamine	8.56	70	148538	31.375	ng		94
20) 3+4-Methylphenols	8.53	107	176480	34.627	ng		94
22) Acetophenone	8.59	105	252345	39.604	ng	#	97
24) Nitrobenzene	8.97	77	218481	35.683	ng		94
25) Isophorone	9.49	82	384142	37.722	ng		98
26) 2-Nitrophenol	9.67	139	76218	41.233	ng		90
27) 2,4-Dimethylphenol	9.73	122	136548	44.371	ng		97
28) bis(2-Chloroethoxy)methane	9.97	93	209018	37.686	ng		99
29) 2,4-Dichlorophenol	10.20	162	150721	38.840	ng		98
30) 1,2,4-Trichlorobenzene	10.41	180	186852	39.133	ng		98
31) Naphthalene	10.60	128	472664	39.068	ng		100
32) Benzoic acid	9.86	122	70897	34.530	ng		92
33) 4-Chloroaniline	10.73	127	68141	13.684	ng		97
34) Hexachlorobutadiene	10.86	225	124349	36.814	ng		100
35) Caprolactam	11.53	113	45124m	38.889	ng		
36) 4-Chloro-3-methylphenol	11.85	107	166812	36.580	ng		95
37) 2-Methylnaphthalene	12.22	142	350101	39.693	ng		97
38) 1-Methylnaphthalene	12.44	142	333665	38.686	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	216458	39.549	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	133175	41.325	ng		97
43) 2,4,6-Trichlorophenol	12.83	196	137262	44.128	ng		97
44) 2,4,5-Trichlorophenol	12.90	196	146409	42.133	ng		97
46) 1,1'-Biphenyl	13.23	154	458532	39.822	ng		99
47) 2-Chloronaphthalene	13.28	162	368169	40.047	ng		98
48) 2-Nitroaniline	13.50	65	113084	34.551	ng		88
49) Acenaphthylene	14.13	152	574068	39.017	ng		99
50) Dimethylphthalate	13.87	163	464414	39.060	ng		99
51) 2,6-Dinitrotoluene	14.00	165	100144	39.990	ng		88
52) Acenaphthene	14.47	154	333180	39.489	ng		98
53) 3-Nitroaniline	14.33	138	41693	17.938	ng		93
54) 2,4-Dinitrophenol	14.54	184	28998	29.141	ng		91
55) Dibenzofuran	14.81	168	569909	40.045	ng		96
56) 4-Nitrophenol	14.64	139	140224	70.711	ng		85
57) 2,4-Dinitrotoluene	14.79	165	136638	40.154	ng	#	93
58) Fluorene	15.46	166	458758	39.250	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.03	232	145019	43.916	ng		96
60) Diethylphthalate	15.23	149	458333	38.262	ng		100
61) 4-Chlorophenyl-phenylether	15.45	204	262787	39.681	ng		95
62) 4-Nitroaniline	15.50	138	70102m	27.330	ng		
63) Azobenzene	15.74	77	505532	35.773	ng		96
65) 4,6-Dinitro-2-methylphenol	15.54	198	24640	19.278	ng		97
66) n-Nitrosodiphenylamine	15.67	169	401406	39.780	ng		98
67) 4-Bromophenyl-phenylether	16.34	248	164213	39.051	ng		96
68) Hexachlorobenzene	16.45	284	191331	39.540	ng		96
69) Atrazine	16.63	200	153729	38.984	ng		96
70) Pentachlorophenol	16.80	266	250777	90.577	ng		98
71) Phenanthrene	17.20	178	756120	39.944	ng		99
72) Anthracene	17.29	178	768225	40.591	ng		98
73) Carbazole	17.57	167	672989	39.409	ng		98
74) Di-n-butylphthalate	18.12	149	807529	39.293	ng		98
75) Fluoranthene	19.22	202	974521	40.689	ng		99
77) Benzidine	19.42	184	625184	52.383	ng		99
78) Pyrene	19.59	202	1000757	39.929	ng		100
80) Butylbenzylphthalate	20.48	149	387967	42.567	ng		99
81) Benzo(a)anthracene	21.33	228	993313	37.942	ng		99
82) 3,3'-Dichlorobenzidine	21.27	252	362907	36.320	ng		99
83) Chrysene	21.39	228	983984	38.755	ng		100
84) Bis(2-ethylhexyl)phthalate	21.24	149	565672	39.996	ng		100
85) Di-n-octyl phthalate	22.14	149	988515	42.053	ng		97
86) Indeno(1,2,3-cd)pyrene	25.96	276	1248458	41.339	ng	#	100
88) Benzo(b)fluoranthene	22.94	252	1043841	36.339	ng		99
89) Benzo(k)fluoranthene	22.99	252	1073422	40.966	ng		99
90) Benzo(a)pyrene	23.53	252	1037824	39.776	ng		98
91) Dibenzo(a,h)anthracene	25.97	278	1073167	39.550	ng		100
92) Benzo(g,h,i)perylene	26.67	276	1037160	40.260	ng		99

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

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