Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092419\
Data File : BM022753.D
Acq On : 24 Sep 2019 17:01
Operator : JU
Sample : PB123298BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

Manual Integrations APPROVED
mohammad
9/26/2019 8:25:23 AM

Quant Time: Sep 25 04:12:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 16:34:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	248591	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1038201	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	636911	20.00	ng	0.00
64) Phenanthrene-d10	17.20	188	1299773	20.00	ng	0.00
76) Chrysene-d12	21.37	240	1280987	20.00	ng	0.00
87) Perylene-d12	23.64	264	1235274	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1756317	112.05	ng	0.00
7) Phenol-d6	6.99	99	2274778	112.99	ng	0.00
23) Nitrobenzene-d5	8.97	82	1209586	64.67	ng	0.00
42) 2,4,6-Tribromophenol	15.94	330	908935	114.32	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	3005343	64.98	ng	0.00
79) Terphenyl-d14	19.82	244	4492657	67.91	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	239707	38.006	ng	# 100
3) Pyridine	3.71	79	586748	35.294	ng	99
4) n-Nitrosodimethylamine	3.62	42	261636	43.231	ng	# 98
6) Aniline	7.15	93	873888	36.201	ng	99
8) 2-Chlorophenol	7.39	128	761164	47.662	ng	98
9) Benzaldehyde	6.96	77	378954	33.058	ng	99
10) Phenol	7.02	94	904766	47.736	ng	99
11) bis(2-Chloroethyl)ether	7.25	93	657863	44.178	ng	99
12) 1,3-Dichlorobenzene	7.71	146	783651	41.056	ng	100
13) 1,4-Dichlorobenzene	7.86	146	797410	41.267	ng	99
14) 1,2-Dichlorobenzene	8.17	146	756639	41.071	ng	99
15) Benzyl Alcohol	8.06	79	598289	47.494	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.36	45	895141	41.382	ng	99
17) 2-Methylphenol	8.26	107	608143	48.476	ng	99
18) Hexachloroethane	8.90	117	284191	40.099	ng	97
19) n-Nitroso-di-n-propylamine	8.63	70	499877	44.465	ng	99
20) 3+4-Methylphenols	8.59	107	820935	49.130	ng	99
22) Acetophenone	8.65	105	1006730	39.284	ng	99
24) Nitrobenzene	9.02	77	747193	41.755	ng	98
25) Isophorone	9.55	82	1366015	44.420	ng	99
26) 2-Nitrophenol	9.73	139	363696	47.079	ng	99
27) 2,4-Dimethylphenol	9.79	122	693459	53.620	ng	100
28) bis(2-Chloroethoxy)methane	10.03	93	918868	43.179	ng	100
29) 2,4-Dichlorophenol	10.26	162	708534	48.458	ng	99
30) 1,2,4-Trichlorobenzene	10.48	180	740788	41.179	ng	100
31) Naphthalene	10.66	128	2176947	42.437	ng	99
32) Benzoic acid	9.94	122	410468	46.352	ng	96
33) 4-Chloroaniline	10.77	127	571166	25.644	ng	99
34) Hexachlorobutadiene	10.96	225	426602	39.781	ng	99
35) Caprolactam	11.56	113	211794m	48.859	ng	
36) 4-Chloro-3-methylphenol	11.90	107	708914	49.694	ng	98
37) 2-Methylnaphthalene	12.28	142	1611620	45.134	ng	99
38) 1-Methylnaphthalene	12.50	142	1498655	44.215	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	850308	39.400	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	1120034	95.120	ng		100
43) 2,4,6-Trichlorophenol	12.89	196	559701	44.935	ng		99
44) 2,4,5-Trichlorophenol	12.96	196	611661	47.123	ng		99
46) 1,1'-Biphenyl	13.29	154	2052546	38.938	ng		100
47) 2-Chloronaphthalene	13.33	162	1581315	40.248	ng		99
48) 2-Nitroaniline	13.53	65	426141	41.653	ng		99
49) Acenaphthylene	14.18	152	2542451	43.699	ng		100
50) Dimethylphthalate	13.92	163	1961206	42.609	ng		100
51) 2,6-Dinitrotoluene	14.03	165	438077	45.501	ng		99
52) Acenaphthene	14.52	154	1518972	39.906	ng		99
53) 3-Nitroaniline	14.36	138	331601	29.918	ng		100
54) 2,4-Dinitrophenol	14.56	184	482033	91.332	ng		94
55) Dibenzofuran	14.86	168	2380429	42.837	ng		99
56) 4-Nitrophenol	14.67	139	810415	95.127	ng		96
57) 2,4-Dinitrotoluene	14.82	165	605229	47.984	ng		97
58) Fluorene	15.50	166	1935206	42.855	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	536768	47.417	ng		97
60) Diethylphthalate	15.28	149	1984426	44.340	ng		99
61) 4-Chlorophenyl-phenylether	15.50	204	990588	42.694	ng		98
62) 4-Nitroaniline	15.52	138	487819	41.980	ng		99
63) Azobenzene	15.79	77	1759109	43.525	ng		99
65) 4,6-Dinitro-2-methylphenol	15.58	198	324134	49.385	ng		92
66) n-Nitrosodiphenylamine	15.71	169	1724795	43.437	ng		100
67) 4-Bromophenyl-phenylether	16.39	248	620181	42.899	ng		98
68) Hexachlorobenzene	16.51	284	686169	40.700	ng		98
69) Atrazine	16.66	200	548312	42.477	ng		99
70) Pentachlorophenol	16.85	266	892305	99.244	ng		99
71) Phenanthrene	17.24	178	3045014	41.519	ng		100
72) Anthracene	17.33	178	3092361	43.506	ng		99
73) Carbazole	17.59	167	2854936	43.163	ng		99
74) Di-n-butylphthalate	18.16	149	3352786	44.705	ng		100
75) Fluoranthene	19.25	202	3584533	43.313	ng		99
77) Benzidine	19.43	184	1664698	47.371	ng		100
78) Pyrene	19.62	202	3696869	44.037	ng		99
80) Butylbenzylphthalate	20.51	149	1521418	47.686	ng		98
81) Benzo(a)anthracene	21.36	228	3523843	42.444	ng		99
82) 3,3'-Dichlorobenzidine	21.29	252	941695	31.984	ng		99
83) Chrysene	21.41	228	3352571	41.653	ng		99
84) Bis(2-ethylhexyl)phthalate	21.29	149	2234688	47.272	ng		99
85) Di-n-octyl phthalate	22.18	149	3645602	48.387	ng		98
86) Indeno(1,2,3-cd)pyrene	25.96	276	3213095	33.446	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	3423760	45.777	ng		99
89) Benzo(k)fluoranthene	23.01	252	3237610	43.627	ng		99
90) Benzo(a)pyrene	23.55	252	3133238	45.463	ng		99
91) Dibenzo(a,h)anthracene	25.97	278	2706794	37.548	ng		99
92) Benzo(g,h,i)perylene	26.66	276	2540488	37.104	ng		99

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

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