Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092419\
Data File : BM022752.D
Acq On : 24 Sep 2019 16:24
Operator : JU
Sample : PB123298BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB123298BS

Manual Integrations APPROVED
mohammad
9/26/2019 8:25:21 AM

Quant Time: Sep 25 04:11:09 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	247764	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	1038336	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	642851	20.00	ng		0.00
64) Phenanthrene-d10	17.20	188	1302001	20.00	ng		0.00
76) Chrysene-d12	21.37	240	1300075	20.00	ng		0.00
87) Perylene-d12	23.64	264	1264504	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1682845	107.72	ng		0.00
7) Phenol-d6	6.99	99	2215501	110.42	ng		0.00
23) Nitrobenzene-d5	8.97	82	1171410	62.62	ng		0.00
42) 2,4,6-Tribromophenol	15.94	330	870287	108.45	ng		0.00
45) 2-Fluorobiphenyl	13.08	172	2910257	62.34	ng		0.00
79) Terphenyl-d14	19.82	244	4365671	65.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	234445	37.296	ng	#	100
3) Pyridine	3.71	79	584884	35.299	ng		98
4) n-Nitrosodimethylamine	3.62	42	248921	41.268	ng	#	98
6) Aniline	7.15	93	845312	35.135	ng		100
8) 2-Chlorophenol	7.39	128	728265	45.754	ng		99
9) Benzaldehyde	6.96	77	370420	32.422	ng		100
10) Phenol	7.02	94	874511	46.294	ng		99
11) bis(2-Chloroethyl)ether	7.25	93	640002	43.122	ng		99
12) 1,3-Dichlorobenzene	7.71	146	761257	40.016	ng		99
13) 1,4-Dichlorobenzene	7.86	146	775360	40.259	ng		99
14) 1,2-Dichlorobenzene	8.17	146	736916	40.134	ng		99
15) Benzyl Alcohol	8.06	79	578965	46.113	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.36	45	873483	40.515	ng		99
17) 2-Methylphenol	8.26	107	592646	47.398	ng		99
18) Hexachloroethane	8.90	117	276596	39.157	ng		97
19) n-Nitroso-di-n-propylamine	8.63	70	492443	43.950	ng		98
20) 3+4-Methylphenols	8.59	107	787171	47.266	ng		99
22) Acetophenone	8.65	105	988642	38.573	ng		99
24) Nitrobenzene	9.02	77	730688	40.827	ng		100
25) Isophorone	9.55	82	1337049	43.472	ng		99
26) 2-Nitrophenol	9.73	139	349195	45.196	ng		99
27) 2,4-Dimethylphenol	9.79	122	672130	51.964	ng		100
28) bis(2-Chloroethoxy)methane	10.03	93	889649	41.801	ng		100
29) 2,4-Dichlorophenol	10.26	162	681910	46.631	ng		100
30) 1,2,4-Trichlorobenzene	10.48	180	713736	39.670	ng		99
31) Naphthalene	10.67	128	2121191	41.345	ng		100
32) Benzoic acid	9.93	122	391263	44.361	ng		97
33) 4-Chloroaniline	10.77	127	548951	24.644	ng		99
34) Hexachlorobutadiene	10.96	225	409215	38.155	ng		100
35) Caprolactam	11.56	113	207180m	47.788	ng		
36) 4-Chloro-3-methylphenol	11.90	107	687129	48.161	ng		98
37) 2-Methylnaphthalene	12.28	142	1567684	43.898	ng		99
38) 1-Methylnaphthalene	12.50	142	1463990	43.187	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	817647	37.537	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	1076186	90.552	ng		100
43) 2,4,6-Trichlorophenol	12.89	196	540611	43.001	ng		100
44) 2,4,5-Trichlorophenol	12.96	196	587176	44.819	ng		100
46) 1,1'-Biphenyl	13.29	154	1999192	37.576	ng		99
47) 2-Chloronaphthalene	13.33	162	1542613	38.900	ng		100
48) 2-Nitroaniline	13.53	65	412662	39.963	ng		99
49) Acenaphthylene	14.18	152	2470142	42.064	ng		100
50) Dimethylphthalate	13.92	163	1917348	41.271	ng		100
51) 2,6-Dinitrotoluene	14.03	165	424397	43.673	ng		100
52) Acenaphthene	14.52	154	1485999	38.679	ng		100
53) 3-Nitroaniline	14.36	138	321888	28.773	ng		100
54) 2,4-Dinitrophenol	14.56	184	461170	86.934	ng		94
55) Dibenzofuran	14.86	168	2329155	41.527	ng		99
56) 4-Nitrophenol	14.66	139	785208	91.317	ng		99
57) 2,4-Dinitrotoluene	14.82	165	585241	45.971	ng		98
58) Fluorene	15.50	166	1890776	41.485	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	513980	44.985	ng		98
60) Diethylphthalate	15.28	149	1931238	42.753	ng		100
61) 4-Chlorophenyl-phenylether	15.50	204	964161	41.171	ng		98
62) 4-Nitroaniline	15.52	138	469437	40.025	ng		99
63) Azobenzene	15.79	77	1724246	42.268	ng		99
65) 4,6-Dinitro-2-methylphenol	15.58	198	311217	47.613	ng		93
66) n-Nitrosodiphenylamine	15.71	169	1670841	42.006	ng		100
67) 4-Bromophenyl-phenylether	16.39	248	597371	41.251	ng		97
68) Hexachlorobenzene	16.51	284	661816	39.189	ng		99
69) Atrazine	16.66	200	531126	41.075	ng		99
70) Pentachlorophenol	16.85	266	859518	95.434	ng		100
71) Phenanthrene	17.24	178	2966045	40.373	ng		100
72) Anthracene	17.33	178	3018552	42.395	ng		99
73) Carbazole	17.59	167	2766100	41.749	ng		99
74) Di-n-butylphthalate	18.16	149	3281097	43.674	ng		99
75) Fluoranthene	19.25	202	3501955	42.242	ng		99
77) Benzidine	19.43	184	1629507	45.689	ng		100
78) Pyrene	19.62	202	3633101	42.642	ng		99
80) Butylbenzylphthalate	20.52	149	1474487	45.536	ng		99
81) Benzo(a)anthracene	21.36	228	3425436	40.653	ng		99
82) 3,3'-Dichlorobenzidine	21.29	252	895019	29.953	ng		100
83) Chrysene	21.41	228	3295554	40.343	ng		99
84) Bis(2-ethylhexyl)phthalate	21.29	149	2202107	45.899	ng		100
85) Di-n-octyl phthalate	22.18	149	3592563	46.983	ng		98
86) Indeno(1,2,3-cd)pyrene	25.96	276	3143787	32.244	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	3328552	43.475	ng		100
89) Benzo(k)fluoranthene	23.01	252	3169625	41.724	ng		99
90) Benzo(a)pyrene	23.55	252	3086887	43.756	ng		99
91) Dibenzo(a,h)anthracene	25.97	278	2641097	35.790	ng		99
92) Benzo(g,h,i)perylene	26.67	276	2479513	35.376	ng		98

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

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