Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
Data File : BP000415.D
Acq On : 26 Sep 2019 12:19
Operator : JU
Sample : PB123382BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB123382BSD

Manual Integrations APPROVED
mohammad
9/27/2019 1:46:44 PM

Quant Time: Sep 26 15:11:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 14:44:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	241924	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	943988	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	529729	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	999105	20.00	ng		0.00
76) Chrysene-d12	14.00	240	811240	20.00	ng		0.00
87) Perylene-d12	15.49	264	844469	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1617447	115.42	ng		0.01
7) Phenol-d6	6.43	99	1983495	115.47	ng		0.00
23) Nitrobenzene-d5	7.35	82	1070844	73.19	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	618886	117.79	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2315977	78.69	ng		0.00
79) Terphenyl-d14	12.93	244	2830568	73.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	245362	38.800	ng		100
3) Pyridine	3.28	79	596179	35.019	ng		99
4) n-Nitrosodimethylamine	3.21	42	202373	42.157	ng		96
6) Aniline	6.45	93	813491	34.347	ng	#	80
8) 2-Chlorophenol	6.57	128	690875	45.783	ng		98
9) Benzaldehyde	6.33	77	359729	38.590	ng		98
10) Phenol	6.44	94	850116	43.559	ng		88
11) bis(2-Chloroethyl)ether	6.52	93	649690	43.471	ng		99
12) 1,3-Dichlorobenzene	6.73	146	763024	42.136	ng		98
13) 1,4-Dichlorobenzene	6.80	146	780253	43.306	ng		98
14) 1,2-Dichlorobenzene	6.96	146	725752	43.973	ng		98
15) Benzyl Alcohol	6.93	79	546011	43.679	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	596144	42.073	ng		99
17) 2-Methylphenol	7.05	107	564140	43.648	ng		99
18) Hexachloroethane	7.30	117	276000	41.395	ng		92
19) n-Nitroso-di-n-propylamine	7.20	70	386118	42.514	ng		97
20) 3+4-Methylphenols	7.20	107	699318	44.744	ng		91
22) Acetophenone	7.19	105	933216	45.618	ng	#	98
24) Nitrobenzene	7.36	77	662079	43.567	ng		95
25) Isophorone	7.60	82	1221851	42.174	ng		98
26) 2-Nitrophenol	7.69	139	358192	44.460	ng		99
27) 2,4-Dimethylphenol	7.73	122	614476	47.882	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	818462	42.475	ng		99
29) 2,4-Dichlorophenol	7.93	162	615191	44.728	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	666401	42.271	ng		99
31) Naphthalene	8.09	128	1947977	44.556	ng		100
32) Benzoic acid	7.84	122	350776	40.482	ng		98
33) 4-Chloroaniline	8.14	127	512576	25.906	ng		99
34) Hexachlorobutadiene	8.22	225	387966	41.534	ng		98
35) Caprolactam	8.49	113	198044m	42.328	ng		
36) 4-Chloro-3-methylphenol	8.63	107	619435	44.364	ng		100
37) 2-Methylnaphthalene	8.79	142	1344680	44.993	ng		100
38) 1-Methylnaphthalene	8.89	142	1254005	44.792	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	669757	44.220	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	615579	70.779	ng		100
43) 2,4,6-Trichlorophenol	9.07	196	450834	43.017	ng		99
44) 2,4,5-Trichlorophenol	9.11	196	487497	45.427	ng		98
46) 1,1'-Biphenyl	9.25	154	1652846	45.103	ng		99
47) 2-Chloronaphthalene	9.27	162	1302315	42.365	ng		99
48) 2-Nitroaniline	9.37	65	323525	41.443	ng		94
49) Acenaphthylene	9.69	152	2048418	44.330	ng		99
50) Dimethylphthalate	9.55	163	1551982	43.002	ng		100
51) 2,6-Dinitrotoluene	9.62	165	355998	44.861	ng	#	86
52) Acenaphthene	9.87	154	1227670	42.101	ng		99
53) 3-Nitroaniline	9.78	138	274801	29.834	ng		100
54) 2,4-Dinitrophenol	9.89	184	283723	80.926	ng		98
55) Dibenzofuran	10.04	168	1865574	45.257	ng		99
56) 4-Nitrophenol	9.96	139	563954	82.317	ng		93
57) 2,4-Dinitrotoluene	10.02	165	475173	45.803	ng		93
58) Fluorene	10.39	166	1416965	44.503	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	404195	45.773	ng		99
60) Diethylphthalate	10.26	149	1511500	43.536	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	739386	45.240	ng		91
62) 4-Nitroaniline	10.40	138	394950	43.592	ng		98
63) Azobenzene	10.54	77	1317250	44.783	ng		99
65) 4,6-Dinitro-2-methylphenol	10.43	198	215646	45.903	ng		93
66) n-Nitrosodiphenylamine	10.50	169	1301226	43.264	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	466634	41.302	ng		98
68) Hexachlorobenzene	10.95	284	492170	39.847	ng		97
70) Pentachlorophenol	11.14	266	530343	78.837	ng		100
71) Phenanthrene	11.36	178	2184727	43.635	ng		100
72) Anthracene	11.41	178	2232001	43.310	ng		100
73) Carbazole	11.56	167	2058406	44.351	ng		100
74) Di-n-butylphthalate	11.90	149	2463541	41.936	ng		99
75) Fluoranthene	12.56	202	2471482	45.971	ng		98
77) Benzidine	12.67	184	949247	32.763	ng		99
78) Pyrene	12.79	202	2493543	41.084	ng		99
80) Butylbenzylphthalate	13.42	149	1090953	39.118	ng		94
81) Benzo(a)anthracene	13.99	228	2116371	41.300	ng		100
82) 3,3'-Dichlorobenzidine	13.96	252	761047	36.954	ng		99
83) Chrysene	14.03	228	2122726	42.189	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1400871	41.844	ng		99
85) Di-n-octyl phthalate	14.61	149	2599039	41.887	ng		99
86) Indeno(1,2,3-cd)pyrene	16.97	276	2470024	40.275	ng		99
88) Benzo(b)fluoranthene	15.06	252	2384924	47.341	ng		99
89) Benzo(k)fluoranthene	15.09	252	2045042	46.537	ng		99
90) Benzo(a)pyrene	15.43	252	2190081	47.777	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	2028634	47.467	ng		98
92) Benzo(g,h,i)perylene	17.43	276	2062427	46.948	ng		99

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

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