Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
Data File : BP000368.D
Acq On : 23 Sep 2019 18:15
Operator : HP/JU
Sample : PB123244BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB123244BS

Manual Integrations APPROVED
mohammad
9/24/2019 2:38:40 PM

Quant Time: Sep 24 13:36:17 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	220879	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	819409	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	453367	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	864961	20.00	ng		0.00
76) Chrysene-d12	14.00	240	690896	20.00	ng		0.00
87) Perylene-d12	15.47	264	851565	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1075180	84.03	ng		0.01
7) Phenol-d6	6.43	99	1358001	86.59	ng		0.00
23) Nitrobenzene-d5	7.35	82	1104437	86.96	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	478643	106.44	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2396671	95.14	ng		0.00
79) Terphenyl-d14	12.93	244	3026431	91.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	275734	47.757	ng		99
3) Pyridine	3.29	79	529603	34.073	ng		99
4) n-Nitrosodimethylamine	3.23	42	187577	42.798	ng		100
6) Aniline	6.45	93	604406	27.951	ng		96
8) 2-Chlorophenol	6.58	128	574422	41.693	ng		98
9) Benzaldehyde	6.34	77	365864	43.865	ng		94
10) Phenol	6.44	94	677764	38.036	ng		88
11) bis(2-Chloroethyl)ether	6.52	93	512338	37.547	ng		99
12) 1,3-Dichlorobenzene	6.73	146	638130	38.597	ng		99
13) 1,4-Dichlorobenzene	6.81	146	643314	39.108	ng		97
14) 1,2-Dichlorobenzene	6.96	146	597675	39.664	ng		100
15) Benzyl Alcohol	6.93	79	467742	40.982	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	452877	35.007	ng		96
17) 2-Methylphenol	7.05	107	472481	40.040	ng		98
18) Hexachloroethane	7.30	117	233433	38.347	ng		94
19) n-Nitroso-di-n-propylamine	7.20	70	316100	38.121	ng		99
20) 3+4-Methylphenols	7.20	107	575317	40.318	ng		95
22) Acetophenone	7.19	105	767578	43.226	ng	#	98
24) Nitrobenzene	7.37	77	541158	41.024	ng		99
25) Isophorone	7.61	82	1013164	40.288	ng		98
26) 2-Nitrophenol	7.69	139	306508	43.829	ng		97
27) 2,4-Dimethylphenol	7.73	122	507926	45.597	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	663173	39.649	ng		99
29) 2,4-Dichlorophenol	7.93	162	527080	44.148	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	580904	42.450	ng		100
31) Naphthalene	8.09	128	1638923	43.187	ng		99
32) Benzoic acid	7.83	122	244460	32.502	ng		99
33) 4-Chloroaniline	8.14	127	385207	22.429	ng		99
34) Hexachlorobutadiene	8.22	225	347467	42.854	ng		99
35) Caprolactam	8.50	113	168861m	41.578	ng		
36) 4-Chloro-3-methylphenol	8.63	107	525801	43.384	ng		98
37) 2-Methylnaphthalene	8.79	142	1129716	43.547	ng		99
38) 1-Methylnaphthalene	8.89	142	1054151	43.378	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	578009	44.591	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	628772	84.472	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	388695	43.335	ng		99
44) 2,4,5-Trichlorophenol	9.11	196	419793	45.707	ng		98
46) 1,1'-Biphenyl	9.25	154	1407493	44.877	ng		99
47) 2-Chloronaphthalene	9.28	162	1121825	42.640	ng		100
48) 2-Nitroaniline	9.37	65	269482	40.335	ng		98
49) Acenaphthylene	9.69	152	1756854	44.424	ng		100
50) Dimethylphthalate	9.55	163	1359589	44.016	ng		100
51) 2,6-Dinitrotoluene	9.62	165	311772	45.905	ng	#	84
52) Acenaphthene	9.87	154	1040183	41.680	ng		99
53) 3-Nitroaniline	9.78	138	208957	26.506	ng		94
54) 2,4-Dinitrophenol	9.89	184	259554	86.502	ng		98
55) Dibenzofuran	10.04	168	1616115	45.808	ng		99
56) 4-Nitrophenol	9.95	139	473193	80.703	ng		94
57) 2,4-Dinitrotoluene	10.02	165	423491	47.697	ng		97
58) Fluorene	10.39	166	1212550	44.497	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	361250	47.800	ng		98
60) Diethylphthalate	10.26	149	1315256	44.264	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	649451	46.430	ng		100
62) 4-Nitroaniline	10.40	138	324189	41.809	ng		94
63) Azobenzene	10.54	77	1085779	43.131	ng		98
65) 4,6-Dinitro-2-methylphenol	10.43	198	186223	45.788	ng		95
66) n-Nitrosodiphenylamine	10.50	169	1129265	43.369	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	428644	43.824	ng		97
68) Hexachlorobenzene	10.95	284	457840	42.816	ng		99
70) Pentachlorophenol	11.14	266	493395	84.720	ng		98
71) Phenanthrene	11.35	178	1915901	44.201	ng		100
72) Anthracene	11.40	178	1925591	43.159	ng		100
73) Carbazole	11.56	167	1787070	44.477	ng		100
74) Di-n-butylphthalate	11.90	149	2163641	42.543	ng		99
75) Fluoranthene	12.55	202	2170392	46.631	ng		97
77) Benzidine	12.67	184	987744	40.030	ng		98
78) Pyrene	12.78	202	2173473	42.048	ng		100
80) Butylbenzylphthalate	13.41	149	942918	39.699	ng		100
81) Benzo(a)anthracene	13.99	228	1865425	42.744	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	494999	28.222	ng		100
83) Chrysene	14.02	228	1826164	42.617	ng		100
84) Bis(2-ethylhexyl)phthalate	13.98	149	1206160	42.304	ng		99
85) Di-n-octyl phthalate	14.60	149	2224345	42.093	ng		98
86) Indeno(1,2,3-cd)pyrene	16.97	276	2580820	49.411	ng		98
88) Benzo(b)fluoranthene	15.05	252	2149986	42.321	ng	#	98
89) Benzo(k)fluoranthene	15.08	252	1811167	40.872	ng	#	96
90) Benzo(a)pyrene	15.42	252	2144818	46.400	ng		98
91) Dibenzo(a,h)anthracene	16.99	278	2104233	48.825	ng		98
92) Benzo(g,h,i)perylene	17.42	276	2215074	50.003	ng		98

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

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