Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
Data File : BP000632.D
Acq On : 11 Oct 2019 15:33
Operator : JU
Sample : PB123860BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB123860BS

Manual Integrations APPROVED
mohammad
10/16/2019 8:03:46 AM

Quant Time: Oct 11 23:18:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	241881	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	951997	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	546092	20.00	ng		-0.02
64) Phenanthrene-d10	11.29	188	1033358	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	820505	20.00	ng		-0.01
87) Perylene-d12	15.44	264	786119	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1626253	108.07	ng		-0.02
7) Phenol-d6	6.39	99	2014314	111.09	ng		-0.02
23) Nitrobenzene-d5	7.31	82	957751	61.44	ng		-0.02
42) 2,4,6-Tribromophenol	10.59	330	630504	108.35	ng		-0.02
45) 2-Fluorobiphenyl	9.12	172	2121996	62.87	ng		-0.02
79) Terphenyl-d14	12.90	244	2629094	64.88	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	221692	36.894	ng		98
3) Pyridine	3.22	79	536176	32.658	ng		99
4) n-Nitrosodimethylamine	3.16	42	188980	40.905	ng		97
6) Aniline	6.41	93	731335	33.198	ng	#	68
8) 2-Chlorophenol	6.54	128	644928	43.427	ng		97
9) Benzaldehyde	6.29	77	380530	40.288	ng		99
10) Phenol	6.40	94	793585	42.745	ng		91
11) bis(2-Chloroethyl)ether	6.49	93	630124	44.115	ng		98
12) 1,3-Dichlorobenzene	6.69	146	702152	39.004	ng		99
13) 1,4-Dichlorobenzene	6.76	146	716874	39.574	ng		100
14) 1,2-Dichlorobenzene	6.92	146	674193	40.311	ng		100
15) Benzyl Alcohol	6.89	79	494804	42.253	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	539137	40.920	ng		99
17) 2-Methylphenol	7.01	107	536552	43.717	ng		98
18) Hexachloroethane	7.26	117	249334	38.674	ng		99
19) n-Nitroso-di-n-propylamine	7.16	70	358406	42.881	ng		99
20) 3+4-Methylphenols	7.16	107	655383	45.636	ng	#	79
22) Acetophenone	7.16	105	859399	39.068	ng	#	98
24) Nitrobenzene	7.33	77	608289	40.463	ng		97
25) Isophorone	7.57	82	1157340	41.835	ng		97
26) 2-Nitrophenol	7.65	139	340591	43.081	ng		94
27) 2,4-Dimethylphenol	7.69	122	569000	46.952	ng		100
28) bis(2-Chloroethoxy)methane	7.78	93	748852	39.832	ng		99
29) 2,4-Dichlorophenol	7.89	162	582257	42.493	ng		97
30) 1,2,4-Trichlorobenzene	7.97	180	627874	39.016	ng		100
31) Naphthalene	8.06	128	1837818	41.335	ng		99
32) Benzoic acid	7.82	122	313692	40.994	ng		98
33) 4-Chloroaniline	8.10	127	531596	27.231	ng		99
34) Hexachlorobutadiene	8.18	225	356519	36.659	ng		97
35) Caprolactam	8.46	113	190757m	41.564	ng		
36) 4-Chloro-3-methylphenol	8.60	107	582528	43.406	ng		96
37) 2-Methylnaphthalene	8.75	142	1287998	43.153	ng		99
38) 1-Methylnaphthalene	8.85	142	1217941	43.186	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	637422	36.878	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	421608	62.677	ng	100
43) 2,4,6-Trichlorophenol	9.03	196	414961	39.000	ng	99
44) 2,4,5-Trichlorophenol	9.07	196	448889	40.862	ng	99
46) 1,1'-Biphenyl	9.22	154	1570816	38.108	ng	98
47) 2-Chloronaphthalene	9.24	162	1231535	38.637	ng	98
48) 2-Nitroaniline	9.33	65	303958	39.389	ng	98
49) Acenaphthylene	9.66	152	1948139	40.512	ng	100
50) Dimethylphthalate	9.52	163	1477364	38.934	ng	100
51) 2,6-Dinitrotoluene	9.58	165	338064	40.855	ng	96
52) Acenaphthene	9.83	154	1141302	39.125	ng	99
53) 3-Nitroaniline	9.75	138	247622	26.116	ng	90
54) 2,4-Dinitrophenol	9.86	184	270562	97.988	ng	95
55) Dibenzofuran	10.00	168	1773192	40.664	ng	99
56) 4-Nitrophenol	9.93	139	504372	83.321	ng	93
57) 2,4-Dinitrotoluene	9.99	165	451176	41.122	ng	96
58) Fluorene	10.35	166	1336722	43.012	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	386192	41.586	ng	99
60) Diethylphthalate	10.23	149	1425381	39.572	ng	99
61) 4-Chlorophenyl-phenylether	10.35	204	696901	41.701	ng	98
62) 4-Nitroaniline	10.37	138	350945	38.486	ng	100
63) Azobenzene	10.50	77	1226374	44.346	ng	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	212050	46.291	ng	96
66) n-Nitrosodiphenylamine	10.46	169	1245710	41.390	ng	97
67) 4-Bromophenyl-phenylether	10.84	248	448209	38.532	ng	99
68) Hexachlorobenzene	10.91	284	483346	36.566	ng	99
69) Atrazine	11.00	200	443567	44.911	ng	99
70) Pentachlorophenol	11.10	266	448000	84.382	ng	96
71) Phenanthrene	11.32	178	2095043	40.369	ng	99
72) Anthracene	11.37	178	2139203	41.572	ng	100
73) Carbazole	11.53	167	1938187	40.632	ng	98
74) Di-n-butylphthalate	11.87	149	2314168	39.825	ng	99
75) Fluoranthene	12.52	202	2308021	39.597	ng	99
77) Benzidine	12.65	184	921892	38.800	ng	98
78) Pyrene	12.76	202	2371541	41.907	ng	99
80) Butylbenzylphthalate	13.39	149	1009102	40.921	ng	98
81) Benzo(a)anthracene	13.96	228	2015764	40.265	ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	727090	36.564	ng	97
83) Chrysene	14.00	228	1966487	40.021	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1262445	40.706	ng	98
85) Di-n-octyl phthalate	14.58	149	2361364	42.007	ng	100
86) Indeno(1,2,3-cd)pyrene	16.92	276	2279650	37.141	ng	99
88) Benzo(b)fluoranthene	15.02	252	2146649	48.133	ng	98
89) Benzo(k)fluoranthene	15.05	252	1956746	46.085	ng	99
90) Benzo(a)pyrene	15.38	252	1901224	45.731	ng	97
91) Dibenzo(a,h)anthracene	16.93	278	1881870	46.671	ng	98
92) Benzo(g,h,i)perylene	17.36	276	1926918	47.029	ng	99

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

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