Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
Data File : BP000369.D
Acq On : 23 Sep 2019 18:39
Operator : HP/JU
Sample : PB123244BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB123244BSD

Manual Integrations APPROVED
mohammad
9/24/2019 2:38:42 PM

Quant Time: Sep 24 13:35:25 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	303927	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	891779	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	481683	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	904124	20.00	ng	0.00
76) Chrysene-d12	14.00	240	720244	20.00	ng	0.00
87) Perylene-d12	15.47	264	812322	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1527600	86.77	ng	0.02
7) Phenol-d6	6.43	99	1927749	89.33	ng	0.00
23) Nitrobenzene-d5	7.35	82	1450723	104.96	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	502404	105.16	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2577270	96.30	ng	0.00
79) Terphenyl-d14	12.93	244	3059246	89.11	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.57	88	328415	41.338	ng	99
3) Pyridine	3.31	79	627889	29.358	ng	99
4) n-Nitrosodimethylamine	3.25	42	225877	37.454	ng	99
6) Aniline	6.45	93	876864	29.470	ng	96
8) 2-Chlorophenol	6.58	128	794102	41.888	ng	98
9) Benzaldehyde	6.34	77	525866	46.163	ng	95
10) Phenol	6.45	94	976624	39.832	ng	80
11) bis(2-Chloroethyl)ether	6.52	93	741830	39.510	ng	99
12) 1,3-Dichlorobenzene	6.73	146	874887	38.457	ng	99
13) 1,4-Dichlorobenzene	6.81	146	890683	39.350	ng	97
14) 1,2-Dichlorobenzene	6.96	146	820799	39.587	ng	100
15) Benzyl Alcohol	6.93	79	642354	40.903	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	661071	37.137	ng	98
17) 2-Methylphenol	7.05	107	648905	39.964	ng	99
18) Hexachloroethane	7.30	117	315583	37.676	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	436354	38.244	ng	99
20) 3+4-Methylphenols	7.20	107	782391	39.847	ng	92
22) Acetophenone	7.20	105	1044891	54.067	ng	98
24) Nitrobenzene	7.37	77	705773	49.161	ng	98
25) Isophorone	7.61	82	1076886	39.347	ng	98
26) 2-Nitrophenol	7.69	139	336627	44.230	ng	97
27) 2,4-Dimethylphenol	7.73	122	543657	44.844	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	711294	39.075	ng	99
29) 2,4-Dichlorophenol	7.93	162	570681	43.921	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	627650	42.144	ng	99
31) Naphthalene	8.10	128	1774857	42.973	ng	99
32) Benzoic acid	7.84	122	261591	31.957	ng	98
33) 4-Chloroaniline	8.14	127	386702	20.689	ng	99
34) Hexachlorobutadiene	8.22	225	385829	43.723	ng	100
35) Caprolactam	8.50	113	184348m	41.707	ng	
36) 4-Chloro-3-methylphenol	8.63	107	572746	43.422	ng	96
37) 2-Methylnaphthalene	8.79	142	1224485	43.370	ng	99
38) 1-Methylnaphthalene	8.89	142	1137849	43.022	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	632779	45.946	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	692511	87.566	ng		100
43) 2,4,6-Trichlorophenol	9.07	196	424817	44.578	ng		99
44) 2,4,5-Trichlorophenol	9.11	196	456133	46.744	ng		97
46) 1,1'-Biphenyl	9.25	154	1514558	45.452	ng		99
47) 2-Chloronaphthalene	9.28	162	1205114	43.113	ng		97
48) 2-Nitroaniline	9.37	65	280843	39.564	ng		98
49) Acenaphthylene	9.69	152	1877711	44.689	ng		100
50) Dimethylphthalate	9.55	163	1444898	44.028	ng		100
51) 2,6-Dinitrotoluene	9.62	165	330025	45.736	ng	#	86
52) Acenaphthene	9.87	154	1096648	41.359	ng		99
53) 3-Nitroaniline	9.78	138	220274	26.299	ng		96
54) 2,4-Dinitrophenol	9.89	184	278368	87.318	ng		97
55) Dibenzofuran	10.04	168	1669292	44.534	ng		99
56) 4-Nitrophenol	9.96	139	502892	80.726	ng		89
57) 2,4-Dinitrotoluene	10.02	165	432689	45.868	ng		93
58) Fluorene	10.39	166	1265525	43.711	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	382679	47.659	ng		99
60) Diethylphthalate	10.26	149	1382886	43.804	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	674555	45.390	ng		99
62) 4-Nitroaniline	10.40	138	339641	41.227	ng		95
63) Azobenzene	10.54	77	1102736	41.230	ng		96
65) 4,6-Dinitro-2-methylphenol	10.43	198	200006	47.046	ng		95
66) n-Nitrosodiphenylamine	10.50	169	1169286	42.961	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	443592	43.388	ng		98
68) Hexachlorobenzene	10.95	284	495386	44.321	ng		97
70) Pentachlorophenol	11.14	266	524828	86.213	ng		99
71) Phenanthrene	11.35	178	1979417	43.688	ng		100
72) Anthracene	11.40	178	2003589	42.962	ng		100
73) Carbazole	11.56	167	1839796	43.805	ng		99
74) Di-n-butylphthalate	11.90	149	2188886	41.175	ng		99
75) Fluoranthene	12.55	202	2219429	45.619	ng		97
77) Benzidine	12.67	184	1042188	40.516	ng		98
78) Pyrene	12.79	202	2227768	41.342	ng		99
80) Butylbenzylphthalate	13.41	149	952607	38.473	ng		99
81) Benzo(a)anthracene	13.99	228	1925674	42.326	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	521462	28.519	ng		100
83) Chrysene	14.02	228	1906779	42.685	ng		99
84) Bis(2-ethylhexyl)phthalate	13.98	149	1217403	40.958	ng		99
85) Di-n-octyl phthalate	14.60	149	2254399	40.923	ng		98
86) Indeno(1,2,3-cd)pyrene	16.97	276	2327047	42.737	ng		95
88) Benzo(b)fluoranthene	15.05	252	2206219	45.526	ng		98
89) Benzo(k)fluoranthene	15.07	252	1879776	44.469	ng		98
90) Benzo(a)pyrene	15.42	252	2022474	45.867	ng		98
91) Dibenzo(a,h)anthracene	16.99	278	1899340	46.200	ng		97
92) Benzo(g,h,i)perylene	17.42	276	1936510	45.827	ng		96

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

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