Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001164.D
Acq On : 03 Dec 2019 19:39
Operator : JU
Sample : PB125108BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB125108BS

Manual Integrations APPROVED
mohammad
12/4/2019 5:00:53 PM

Quant Time: Dec 04 04:43:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 17:38:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	169307	20.00	ng		-0.01
21) Naphthalene-d8	10.35	136	663774	20.00	ng		-0.01
39) Acenaphthene-d10	13.22	164	370994	20.00	ng		-0.02
64) Phenanthrene-d10	15.62	188	677889	20.00	ng		-0.01
76) Chrysene-d12	19.26	240	524721	20.00	ng		-0.01
87) Perylene-d12	21.03	264	454723	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.24	112	1346668	131.96	ng		0.01
7) Phenol-d6	7.78	99	1748116	128.58	ng		0.01
23) Nitrobenzene-d5	9.20	82	997312	65.19	ng		0.00
42) 2,4,6-Tribromophenol	14.52	330	430217	120.98	ng		0.00
45) 2-Fluorobiphenyl	12.13	172	1582754	62.44	ng		-0.02
79) Terphenyl-d14	17.90	244	1764898	62.23	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	151952	31.878	ng		95
3) Pyridine	3.49	79	397221	30.032	ng		93
4) n-Nitrosodimethylamine	3.40	42	284127	49.642	ng		83
6) Aniline	7.80	93	567430	31.479	ng	#	1
8) 2-Chlorophenol	7.99	128	489682	46.379	ng		96
9) Benzaldehyde	7.61	77	176174	18.436	ng		97
10) Phenol	7.80	94	684848	44.285	ng		88
11) bis(2-Chloroethyl)ether	7.93	93	517236	42.952	ng		98
12) 1,3-Dichlorobenzene	8.22	146	501314	40.059	ng		97
13) 1,4-Dichlorobenzene	8.35	146	514429	40.806	ng		99
14) 1,2-Dichlorobenzene	8.58	146	487454	41.085	ng		100
15) Benzyl Alcohol	8.55	79	538503	48.252	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.78	45	792504	40.935	ng		100
17) 2-Methylphenol	8.75	107	431002	44.501	ng		97
18) Hexachloroethane	9.12	117	214629	41.156	ng		97
19) n-Nitroso-di-n-propylamine	8.99	70	412894	42.088	ng		96
20) 3+4-Methylphenols	8.99	107	540343	44.259	ng		98
22) Acetophenone	8.97	105	787607	40.371	ng	#	95
24) Nitrobenzene	9.23	77	645058	42.401	ng		99
25) Isophorone	9.63	82	1130183	41.195	ng		99
26) 2-Nitrophenol	9.74	139	252722	45.352	ng		93
27) 2,4-Dimethylphenol	9.83	122	421482	47.751	ng		93
28) bis(2-Chloroethoxy)methane	9.99	93	643740	37.398	ng		99
29) 2,4-Dichlorophenol	10.13	162	417743	41.582	ng		99
30) 1,2,4-Trichlorobenzene	10.27	180	466644	39.769	ng		99
31) Naphthalene	10.39	128	1359870	40.113	ng		100
32) Benzoic acid	10.05	122	293319	45.965	ng		97
33) 4-Chloroaniline	10.48	127	368955	25.080	ng		99
34) Hexachlorobutadiene	10.61	225	290244	39.321	ng		99
35) Caprolactam	11.07	113	136313m	39.370	ng		
36) 4-Chloro-3-methylphenol	11.30	107	504777	42.379	ng		99
37) 2-Methylnaphthalene	11.52	142	930657	40.232	ng		97
38) 1-Methylnaphthalene	11.67	142	878426	40.199	ng		98
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	453441	38.783	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.79	237	405256	75.135	ng		98
43) 2,4,6-Trichlorophenol	11.98	196	313562	41.075	ng		97
44) 2,4,5-Trichlorophenol	12.05	196	329670	41.680	ng		97
46) 1,1'-Biphenyl	12.29	154	1120198	39.070	ng		99
47) 2-Chloronaphthalene	12.31	162	871236	38.041	ng		98
48) 2-Nitroaniline	12.48	65	361903	40.319	ng		99
49) Acenaphthylene	12.99	152	1381180	40.233	ng		100
50) Dimethylphthalate	12.82	163	1063968	38.346	ng		100
51) 2,6-Dinitrotoluene	12.90	165	239431	40.311	ng		99
52) Acenaphthene	13.27	154	801992	38.837	ng		99
53) 3-Nitroaniline	13.15	138	181757	27.241	ng		96
54) 2,4-Dinitrophenol	13.33	184	203593	83.569	ng	#	84
55) Dibenzofuran	13.56	168	1228214	39.580	ng		97
56) 4-Nitrophenol	13.46	139	400680	84.747	ng		84
57) 2,4-Dinitrotoluene	13.55	165	307137	41.254	ng	#	82
58) Fluorene	14.12	166	978458	39.350	ng		100
59) 2,3,4,6-Tetrachlorophenol	13.76	232	271285m	41.724	ng		
60) Diethylphthalate	13.99	149	1079065	37.559	ng		100
61) 4-Chlorophenyl-phenylether	14.14	204	481489	38.027	ng		98
62) 4-Nitroaniline	12.48	138	297698	38.484	ng		95
63) Azobenzene	14.40	77	1219859	39.281	ng		96
65) 4,6-Dinitro-2-methylphenol	14.22	198	142108	48.764	ng		96
66) n-Nitrosodiphenylamine	14.33	169	846592	41.102	ng		100
67) 4-Bromophenyl-phenylether	14.93	248	288880	39.252	ng		93
68) Hexachlorobenzene	15.02	284	315731	39.022	ng		97
69) Atrazine	15.23	200	290554	46.201	ng		97
70) Pentachlorophenol	15.33	266	385443	91.402	ng		98
71) Phenanthrene	15.65	178	1462057	41.024	ng		100
72) Anthracene	15.73	178	1485963	42.302	ng		100
73) Carbazole	15.97	167	1343882	42.043	ng		100
74) Di-n-butylphthalate	16.53	149	1692150	39.374	ng		99
75) Fluoranthene	17.36	202	1601454	42.446	ng		98
77) Benzidine	17.55	184	421034	31.077	ng		99
78) Pyrene	17.67	202	1628344	39.400	ng		100
80) Butylbenzylphthalate	18.55	149	732518	38.374	ng		99
81) Benzo(a)anthracene	19.25	228	1439403	39.565	ng		100
82) 3,3'-Dichlorobenzidine	19.22	252	488051	40.607	ng		98
83) Chrysene	19.30	228	1299608	39.892	ng		100
84) Bis(2-ethylhexyl)phthalate	19.30	149	950465	36.215	ng		100
85) Di-n-octyl phthalate	20.08	149	1712098	36.724	ng		99
86) Indeno(1,2,3-cd)pyrene	22.69	276	1481195	38.579	ng		97
88) Benzo(b)fluoranthene	20.55	252	1342405	48.332	ng		98
89) Benzo(k)fluoranthene	20.59	252	1346655	50.341	ng		98
90) Benzo(a)pyrene	20.96	252	1233397	48.212	ng		99
91) Dibenzo(a,h)anthracene	22.72	278	1245509	49.749	ng		99
92) Benzo(g,h,i)perylene	23.19	276	1265467	51.189	ng		98

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

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