Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001159.D
Acq On : 03 Dec 2019 17:10
Operator : JU
Sample : PB125130BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB125130BSD

Manual Integrations APPROVED
mohammad
12/4/2019 5:00:40 PM

Quant Time: Dec 04 04:17:21 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	119167	20.00	ng		-0.01
21) Naphthalene-d8	10.35	136	471228	20.00	ng		-0.01
39) Acenaphthene-d10	13.22	164	270541	20.00	ng		-0.02
64) Phenanthrene-d10	15.62	188	507120	20.00	ng		-0.01
76) Chrysene-d12	19.26	240	382985	20.00	ng		-0.02
87) Perylene-d12	21.03	264	342028	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	954581	132.90	ng		0.00
7) Phenol-d6	7.77	99	1258900	131.56	ng		0.00
23) Nitrobenzene-d5	9.20	82	700847	64.53	ng		-0.01
42) 2,4,6-Tribromophenol	14.51	330	326307	125.83	ng		-0.01
45) 2-Fluorobiphenyl	12.13	172	1172545	63.43	ng		-0.02
79) Terphenyl-d14	17.90	244	1321431	63.83	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	121674	36.267	ng		94
3) Pyridine	3.48	79	305703	32.837	ng		93
4) n-Nitrosodimethylamine	3.38	42	194396	48.255	ng		82
6) Aniline	7.79	93	363730	28.668	ng	#	22
8) 2-Chlorophenol	7.98	128	352860	47.482	ng		98
9) Benzaldehyde	7.61	77	171106	28.423	ng		97
10) Phenol	7.79	94	495818	45.552	ng		91
11) bis(2-Chloroethyl)ether	7.92	93	370147	43.671	ng		97
12) 1,3-Dichlorobenzene	8.22	146	370464	42.058	ng		97
13) 1,4-Dichlorobenzene	8.34	146	376312	42.410	ng		99
14) 1,2-Dichlorobenzene	8.58	146	360594	43.181	ng		98
15) Benzyl Alcohol	8.55	79	381583	48.578	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.78	45	564595	41.433	ng		99
17) 2-Methylphenol	8.74	107	311937	45.759	ng		96
18) Hexachloroethane	9.12	117	155904	42.473	ng		94
19) n-Nitroso-di-n-propylamine	8.99	70	301243	43.627	ng		96
20) 3+4-Methylphenols	8.98	107	398812	46.411	ng		97
22) Acetophenone	8.96	105	575667	41.564	ng	#	96
24) Nitrobenzene	9.23	77	469147	43.438	ng		99
25) Isophorone	9.62	82	825802	42.400	ng		99
26) 2-Nitrophenol	9.74	139	180473	45.620	ng		95
27) 2,4-Dimethylphenol	9.83	122	314595	50.204	ng		97
28) bis(2-Chloroethoxy)methane	9.99	93	475511	38.913	ng		99
29) 2,4-Dichlorophenol	10.13	162	310529	43.540	ng		98
30) 1,2,4-Trichlorobenzene	10.27	180	340108	40.829	ng		100
31) Naphthalene	10.39	128	1020532	42.404	ng		100
32) Benzoic acid	10.02	122	205368	45.333	ng		98
33) 4-Chloroaniline	10.47	127	237577	22.748	ng		98
34) Hexachlorobutadiene	10.61	225	211784	40.415	ng		99
35) Caprolactam	11.05	113	101618m	41.342	ng		
36) 4-Chloro-3-methylphenol	11.29	107	375236	44.376	ng		100
37) 2-Methylnaphthalene	11.52	142	702479	42.776	ng		97
38) 1-Methylnaphthalene	11.67	142	662164	42.684	ng		100
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	341828	40.093	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.79	237	308041	78.317	ng		97
43) 2,4,6-Trichlorophenol	11.98	196	234947	42.204	ng		99
44) 2,4,5-Trichlorophenol	12.04	196	247863	42.973	ng		97
46) 1,1'-Biphenyl	12.29	154	841136	40.230	ng		99
47) 2-Chloronaphthalene	12.31	162	662667	39.678	ng		99
48) 2-Nitroaniline	12.47	65	268996	41.096	ng		98
49) Acenaphthylene	12.98	152	1051151	41.989	ng		99
50) Dimethylphthalate	12.81	163	811185	40.090	ng		100
51) 2,6-Dinitrotoluene	12.89	165	178008	41.097	ng		94
52) Acenaphthene	13.27	154	613809	40.761	ng		99
53) 3-Nitroaniline	13.15	138	134368	27.616	ng		98
54) 2,4-Dinitrophenol	13.33	184	137181	77.757	ng	#	85
55) Dibenzofuran	13.56	168	951776	42.060	ng		99
56) 4-Nitrophenol	13.45	139	302575	87.760	ng	#	80
57) 2,4-Dinitrotoluene	13.55	165	236332	43.530	ng	#	86
58) Fluorene	14.12	166	757412	41.771	ng		99
59) 2,3,4,6-Tetrachlorophenol	13.76	232	208582	43.992	ng	#	97
60) Diethylphthalate	13.98	149	827153	39.481	ng		100
61) 4-Chlorophenyl-phenylether	14.13	204	372399	40.331	ng		94
62) 4-Nitroaniline	12.47	138	222896	39.513	ng		94
63) Azobenzene	14.40	77	931142	41.117	ng		96
65) 4,6-Dinitro-2-methylphenol	14.21	198	97221	45.132	ng		94
66) n-Nitrosodiphenylamine	14.33	169	654855	42.499	ng		99
67) 4-Bromophenyl-phenylether	14.93	248	223009	40.506	ng		95
68) Hexachlorobenzene	15.02	284	245369	40.538	ng		99
69) Atrazine	15.22	200	223298	47.463	ng		98
70) Pentachlorophenol	15.33	266	288416	91.424	ng		99
71) Phenanthrene	15.65	178	1120268	42.019	ng		99
72) Anthracene	15.73	178	1141178	43.427	ng		100
73) Carbazole	15.97	167	1016229	42.499	ng		100
74) Di-n-butylphthalate	16.53	149	1292884	40.214	ng		99
75) Fluoranthene	17.36	202	1228053	43.510	ng		99
77) Benzidine	17.55	184	142643	14.425	ng		98
78) Pyrene	17.67	202	1242545	41.192	ng		100
80) Butylbenzylphthalate	18.55	149	544780	39.101	ng		99
81) Benzo(a)anthracene	19.25	228	1077543	40.580	ng		99
82) 3,3'-Dichlorobenzidine	19.22	252	330431	37.667	ng		99
83) Chrysene	19.29	228	980425	41.232	ng		99
84) Bis(2-ethylhexyl)phthalate	19.30	149	711923	37.165	ng		100
85) Di-n-octyl phthalate	20.08	149	1257309	36.949	ng		99
86) Indeno(1,2,3-cd)pyrene	22.68	276	1066812	38.069	ng		98
88) Benzo(b)fluoranthene	20.55	252	1010280	48.360	ng		99
89) Benzo(k)fluoranthene	20.58	252	960762	47.749	ng		98
90) Benzo(a)pyrene	20.96	252	893378	46.427	ng		99
91) Dibenzo(a,h)anthracene	22.71	278	893441	47.445	ng		99
92) Benzo(g,h,i)perylene	23.17	276	903870	48.609	ng		98

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

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