Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000854.D
Acq On : 17 Oct 2019 23:02
Operator : JU
Sample : K5357-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11933MS

Manual Integrations APPROVED
mohammad
10/20/2019 8:16:22 PM

Quant Time: Oct 18 07:07:59 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	191196	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	675252	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	369791	20.00	ng		-0.02
64) Phenanthrene-d10	11.30	188	681750	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	531687	20.00	ng		0.00
87) Perylene-d12	15.45	264	617058	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1062811	89.35	ng		-0.01
7) Phenol-d6	6.39	99	1326502	92.55	ng		-0.02
23) Nitrobenzene-d5	7.31	82	732501	66.25	ng		-0.02
42) 2,4,6-Tribromophenol	10.60	330	400431	101.62	ng		-0.01
45) 2-Fluorobiphenyl	9.12	172	1547888	67.73	ng		-0.02
79) Terphenyl-d14	12.90	244	1746892	66.52	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	165111	34.762	ng		99
3) Pyridine	3.22	79	398546	30.710	ng		99
4) n-Nitrosodimethylamine	3.16	42	135418	37.082	ng		98
6) Aniline	6.41	93	440563	25.301	ng	#	37
8) 2-Chlorophenol	6.54	128	487022	41.488	ng		96
9) Benzaldehyde	6.30	77	242485	32.479	ng		93
10) Phenol	6.40	94	600771	40.937	ng		90
11) bis(2-Chloroethyl)ether	6.49	93	441144	39.072	ng		96
12) 1,3-Dichlorobenzene	6.69	146	553913	38.926	ng		98
13) 1,4-Dichlorobenzene	6.76	146	561311	39.201	ng		100
14) 1,2-Dichlorobenzene	6.92	146	521730	39.465	ng		99
15) Benzyl Alcohol	6.89	79	363988	39.322	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	381019	36.585	ng		93
17) 2-Methylphenol	7.01	107	400817	41.315	ng		98
18) Hexachloroethane	7.26	117	192799	37.832	ng		93
19) n-Nitroso-di-n-propylamine	7.16	70	261091	39.519	ng		99
20) 3+4-Methylphenols	7.16	107	489133	43.088	ng	#	81
22) Acetophenone	7.16	105	647217	41.481	ng		97
24) Nitrobenzene	7.33	77	445111	41.743	ng		96
25) Isophorone	7.57	82	818533	41.715	ng		98
26) 2-Nitrophenol	7.65	139	251367	44.826	ng		96
27) 2,4-Dimethylphenol	7.69	122	410249	47.727	ng		99
28) bis(2-Chloroethoxy)methane	7.78	93	546446	40.979	ng		100
29) 2,4-Dichlorophenol	7.90	162	432285	44.478	ng		100
30) 1,2,4-Trichlorobenzene	7.98	180	482738	42.292	ng		100
31) Naphthalene	8.06	128	1379674	43.748	ng		99
32) Benzoic acid	7.82	122	185196	34.121	ng		99
33) 4-Chloroaniline	8.10	127	233461	16.860	ng		99
34) Hexachlorobutadiene	8.18	225	289384	41.951	ng		98
35) Caprolactam	8.47	113	135272m	41.554	ng		
36) 4-Chloro-3-methylphenol	8.60	107	417264	43.834	ng		98
37) 2-Methylnaphthalene	8.75	142	946786	44.721	ng		99
38) 1-Methylnaphthalene	8.85	142	875403	43.762	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	494022	42.208	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	267581	59.202 ng	99
43) 2,4,6-Trichlorophenol	9.03	196	297760	41.327 ng	97
44) 2,4,5-Trichlorophenol	9.08	196	323363	43.469 ng	99
46) 1,1'-Biphenyl	9.22	154	1171432	41.968 ng	97
47) 2-Chloronaphthalene	9.24	162	920619	42.653 ng	98
48) 2-Nitroaniline	9.34	65	207543	39.717 ng	88
49) Acenaphthylene	9.66	152	1431835	43.970 ng	99
50) Dimethylphthalate	9.52	163	1324237	51.537 ng	100
51) 2,6-Dinitrotoluene	9.58	165	247770	44.219 ng	95
52) Acenaphthene	9.83	154	818166	41.419 ng	99
53) 3-Nitroaniline	9.75	138	150475	23.437 ng	93
54) 2,4-Dinitrophenol	9.87	184	138950	74.315 ng	96
55) Dibenzofuran	10.00	168	1288170	43.626 ng	100
56) 4-Nitrophenol	9.93	139	291390	71.087 ng	98
57) 2,4-Dinitrotoluene	9.99	165	315688	42.491 ng	99
58) Fluorene	10.35	166	977468	46.447 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	268243	42.656 ng	97
60) Diethylphthalate	10.23	149	1029100	42.191 ng	99
61) 4-Chlorophenyl-phenylether	10.35	204	528105	46.666 ng	97
62) 4-Nitroaniline	10.37	138	247415	40.068 ng	97
63) Azobenzene	10.50	77	821931	43.891 ng	97
65) 4,6-Dinitro-2-methylphenol	10.41	198	129466	42.839 ng	89
66) n-Nitrosodiphenylamine	10.46	169	878856	44.261 ng	97
67) 4-Bromophenyl-phenylether	10.84	248	333611	43.471 ng	98
68) Hexachlorobenzene	10.91	284	362863	41.609 ng	99
69) Atrazine	11.00	200	282263	43.318 ng	99
70) Pentachlorophenol	11.11	266	265830	75.893 ng	97
71) Phenanthrene	11.32	178	1491603	43.564 ng	100
72) Anthracene	11.37	178	1507071	44.392 ng	100
73) Carbazole	11.53	167	1362574	43.297 ng	98
74) Di-n-butylphthalate	11.87	149	1644553	42.898 ng	100
75) Fluoranthene	12.53	202	1680636	43.705 ng	97
77) Benzidine	12.65	184	659430	42.830 ng	100
78) Pyrene	12.76	202	1676570	45.720 ng	99
80) Butylbenzylphthalate	13.39	149	702115	43.939 ng	97
81) Benzo(a)anthracene	13.96	228	1405332	43.320 ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	449661	34.896 ng	97
83) Chrysene	14.00	228	1389349	43.635 ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	913930	45.476 ng	98
85) Di-n-octyl phthalate	14.58	149	1669498	45.832 ng	99
86) Indeno(1,2,3-cd)pyrene	16.93	276	1719350	43.229 ng	98
88) Benzo(b)fluoranthene	15.03	252	1540685	44.010 ng	97
89) Benzo(k)fluoranthene	15.06	252	1411102	42.339 ng	98
90) Benzo(a)pyrene	15.39	252	1468407	44.997 ng	99
91) Dibenzo(a,h)anthracene	16.95	278	1409424	44.531 ng	98
92) Benzo(g,h,i)perylene	17.38	276	1439060	44.745 ng	97

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

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