Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000520.D
Acq On : 04 Oct 2019 20:25
Operator : JU
Sample : K5205-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200052-200029MSD

Manual Integrations APPROVED
mohammad
10/7/2019 4:38:32 PM

Quant Time: Oct 05 00:42:33 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	6.77	152	224675	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	835017	20.00	ng		0.00
39) Acenaphthene-d10	9.82	164	466353	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	843003	20.00	ng		0.00
76) Chrysene-d12	13.99	240	614640	20.00	ng		0.00
87) Perylene-d12	15.46	264	740078	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1220225	87.30	ng		0.00
7) Phenol-d6	6.41	99	1552062	92.15	ng		0.00
23) Nitrobenzene-d5	7.33	82	849648	62.15	ng		0.00
42) 2,4,6-Tribromophenol	10.61	330	494038	99.41	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	1835640	63.69	ng		0.00
79) Terphenyl-d14	12.92	244	2012900	66.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	165938	29.730	ng		99
3) Pyridine	3.24	79	496592	32.564	ng		100
4) n-Nitrosodimethylamine	3.18	42	172005	40.082	ng		99
6) Aniline	6.43	93	569036	27.809	ng	#	27
8) 2-Chlorophenol	6.56	128	595850	43.195	ng		98
9) Benzaldehyde	6.32	77	333696	38.035	ng		94
10) Phenol	6.43	94	773847	44.873	ng		87
11) bis(2-Chloroethyl)ether	6.50	93	539750	40.682	ng		97
12) 1,3-Dichlorobenzene	6.71	146	658803	39.398	ng		98
13) 1,4-Dichlorobenzene	6.79	146	666835	39.631	ng		97
14) 1,2-Dichlorobenzene	6.94	146	622537	40.073	ng		99
15) Benzyl Alcohol	6.91	79	470371	43.243	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	470061	38.409	ng		97
17) 2-Methylphenol	7.03	107	484676	42.515	ng		98
18) Hexachloroethane	7.28	117	232145	38.765	ng		98
19) n-Nitroso-di-n-propylamine	7.18	70	321808	41.451	ng		99
20) 3+4-Methylphenols	7.18	107	599811	44.964	ng	#	78
22) Acetophenone	7.18	105	794652	41.186	ng		97
24) Nitrobenzene	7.35	77	553959	42.011	ng		98
25) Isophorone	7.59	82	1037719	42.766	ng		98
26) 2-Nitrophenol	7.66	139	313343	45.187	ng		97
27) 2,4-Dimethylphenol	7.71	122	529687	49.832	ng		98
28) bis(2-Chloroethoxy)methane	7.80	93	677125	41.063	ng		99
29) 2,4-Dichlorophenol	7.91	162	544532	45.307	ng		97
30) 1,2,4-Trichlorobenzene	7.99	180	590506	41.835	ng		99
31) Naphthalene	8.08	128	1683184	43.161	ng		99
32) Benzoic acid	7.83	122	339676	50.609	ng		96
33) 4-Chloroaniline	8.12	127	246074	14.371	ng		99
34) Hexachlorobutadiene	8.19	225	351127	41.162	ng		98
35) Caprolactam	8.48	113	178021m	44.223	ng		
36) 4-Chloro-3-methylphenol	8.62	107	543705	46.189	ng		100
37) 2-Methylnaphthalene	8.77	142	1162173	44.392	ng		99
38) 1-Methylnaphthalene	8.87	142	1085882	43.897	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	611260	41.411	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	386828	66.796	ng		99
43) 2,4,6-Trichlorophenol	9.05	196	396797	43.669	ng		99
44) 2,4,5-Trichlorophenol	9.09	196	437635	46.649	ng		98
46) 1,1'-Biphenyl	9.23	154	1461446	41.517	ng		98
47) 2-Chloronaphthalene	9.26	162	1146514	42.120	ng		99
48) 2-Nitroaniline	9.35	65	267466	40.587	ng		94
49) Acenaphthylene	9.67	152	1802175	43.884	ng		99
50) Dimethylphthalate	9.54	163	1637075	50.520	ng		100
51) 2,6-Dinitrotoluene	9.60	165	309762	43.836	ng		97
52) Acenaphthene	9.85	154	1047013	42.030	ng		98
53) 3-Nitroaniline	9.76	138	163371	20.177	ng		96
54) 2,4-Dinitrophenol	9.87	184	126933	53.831	ng		98
55) Dibenzofuran	10.02	168	1631222	43.805	ng		99
56) 4-Nitrophenol	9.95	139	465905	90.127	ng		95
57) 2,4-Dinitrotoluene	10.00	165	411343	43.902	ng		99
58) Fluorene	10.37	166	1206817	45.471	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.15	232	359579	45.341	ng		99
60) Diethylphthalate	10.24	149	1313906	42.714	ng		98
61) 4-Chlorophenyl-phenylether	10.36	204	635963	44.561	ng		94
62) 4-Nitroaniline	10.38	138	282067	36.221	ng		98
63) Azobenzene	10.52	77	1067310	45.193	ng		96
65) 4,6-Dinitro-2-methylphenol	10.42	198	111245	29.769	ng		97
66) n-Nitrosodiphenylamine	10.48	169	1119450	45.594	ng		98
67) 4-Bromophenyl-phenylether	10.85	248	419770	44.236	ng	#	93
68) Hexachlorobenzene	10.92	284	454184	42.118	ng		95
69) Atrazine	11.01	200	353018	43.813	ng		99
70) Pentachlorophenol	11.12	266	464126	107.159	ng		97
71) Phenanthrene	11.34	178	1873575	44.253	ng		100
72) Anthracene	11.39	178	1919853	45.734	ng		100
73) Carbazole	11.55	167	1724940	44.327	ng		98
74) Di-n-butylphthalate	11.89	149	2085779	44.000	ng		100
75) Fluoranthene	12.54	202	2069787	43.529	ng		99
77) Benzidine	12.66	184	1128219	63.389	ng		98
78) Pyrene	12.77	202	2087052	49.233	ng		99
80) Butylbenzylphthalate	13.40	149	848937	45.957	ng		99
81) Benzo(a)anthracene	13.97	228	1681507	44.838	ng		98
82) 3,3'-Dichlorobenzidine	13.93	252	630400	42.320	ng		98
83) Chrysene	14.01	228	1661564	45.142	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1053684	45.354	ng		98
85) Di-n-octyl phthalate	14.59	149	1925020	45.714	ng		99
86) Indeno(1,2,3-cd)pyrene	16.95	276	2114434	45.988	ng		97
88) Benzo(b)fluoranthene	15.03	252	1832517	43.645	ng		97
89) Benzo(k)fluoranthene	15.06	252	1743918	43.627	ng		98
90) Benzo(a)pyrene	15.40	252	1783856	45.577	ng		98
91) Dibenzo(a,h)anthracene	16.96	278	1709566	45.036	ng		98
92) Benzo(g,h,i)perylene	17.39	276	1757966	45.575	ng		96

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

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