Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092019\
Data File : BP000360.D
Acq On : 20 Sep 2019 17:37
Operator : HP/JU
Sample : K4968-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FK-BPM-03-010-ABCDMSD

Manual Integrations APPROVED
mohammad
9/24/2019 8:34:05 AM

Quant Time: Sep 20 23:59:59 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	174229	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	650377	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	373978	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	715285	20.00	ng		0.00
76) Chrysene-d12	13.99	240	608225	20.00	ng		0.00
87) Perylene-d12	15.47	264	731545	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	838185	83.05	ng		0.00
7) Phenol-d6	6.43	99	1088890	88.02	ng		0.00
23) Nitrobenzene-d5	7.35	82	612126	60.72	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	397417	107.14	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1513863	72.86	ng		0.00
79) Terphenyl-d14	12.93	244	1917588	66.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	137974	30.295	ng		97
3) Pyridine	3.25	79	346612	28.271	ng		99
4) n-Nitrosodimethylamine	3.18	42	117529	33.996	ng		96
6) Aniline	6.45	93	281700	16.515	ng	#	15
8) 2-Chlorophenol	6.58	128	453033	41.686	ng		98
9) Benzaldehyde	6.33	77	287942	43.748	ng		98
10) Phenol	6.44	94	591301	42.069	ng		91
11) bis(2-Chloroethyl)ether	6.52	93	394420	36.644	ng		98
12) 1,3-Dichlorobenzene	6.73	146	498424	38.219	ng		99
13) 1,4-Dichlorobenzene	6.81	146	512889	39.527	ng		96
14) 1,2-Dichlorobenzene	6.96	146	485680	40.861	ng		99
15) Benzyl Alcohol	6.93	79	360570	40.051	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	346438	33.950	ng		97
17) 2-Methylphenol	7.05	107	374025	40.183	ng		98
18) Hexachloroethane	7.30	117	160888	33.506	ng		95
19) n-Nitroso-di-n-propylamine	7.20	70	248694	38.022	ng		97
20) 3+4-Methylphenols	7.20	107	467078	41.497	ng		91
22) Acetophenone	7.19	105	610171	43.292	ng	#	98
24) Nitrobenzene	7.37	77	418804	40.000	ng		98
25) Isophorone	7.61	82	779461	39.050	ng		98
26) 2-Nitrophenol	7.69	139	202717	36.521	ng		95
27) 2,4-Dimethylphenol	7.73	122	409885	46.359	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	515031	38.795	ng		99
29) 2,4-Dichlorophenol	7.93	162	423016	44.641	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	458311	42.196	ng		100
31) Naphthalene	8.09	128	1308047	43.426	ng		100
32) Benzoic acid	7.82	122	173266m	29.024	ng		
33) 4-Chloroaniline	8.14	127	222984	16.358	ng		99
34) Hexachlorobutadiene	8.22	225	281862	43.797	ng		98
35) Caprolactam	8.50	113	140725	43.655	ng		91
36) 4-Chloro-3-methylphenol	8.63	107	428403	44.534	ng		98
37) 2-Methylnaphthalene	8.79	142	919659	44.663	ng		99
38) 1-Methylnaphthalene	8.89	142	863360	44.760	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	493820	46.183	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	155104	25.261	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	322302	43.561	ng		100
44) 2,4,5-Trichlorophenol	9.11	196	344466	45.467	ng		98
46) 1,1'-Biphenyl	9.25	154	1168390	45.162	ng		98
47) 2-Chloronaphthalene	9.28	162	906896	41.788	ng		99
48) 2-Nitroaniline	9.37	65	221457	40.183	ng		99
49) Acenaphthylene	9.69	152	1448035	44.388	ng		100
50) Dimethylphthalate	9.55	163	1260555	49.473	ng		99
51) 2,6-Dinitrotoluene	9.61	165	240464	42.922	ng		98
52) Acenaphthene	9.87	154	832718	40.450	ng		99
53) 3-Nitroaniline	9.78	138	208913	32.126	ng		94
54) 2,4-Dinitrophenol	9.89	184	27052	10.930	ng		92
55) Dibenzofuran	10.04	168	1335352	45.885	ng		100
56) 4-Nitrophenol	9.95	139	368860	76.263	ng		93
57) 2,4-Dinitrotoluene	10.02	165	309509	42.259	ng		98
58) Fluorene	10.39	166	991617	44.115	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	295563	47.411	ng		96
60) Diethylphthalate	10.26	149	1093567	44.616	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	533099	46.202	ng		100
62) 4-Nitroaniline	10.40	138	269948	42.204	ng		94
63) Azobenzene	10.54	77	851103	40.986	ng		96
65) 4,6-Dinitro-2-methylphenol	10.43	198	27241	8.099	ng		96
66) n-Nitrosodiphenylamine	10.49	169	925766	42.994	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	351540	43.462	ng		97
68) Hexachlorobenzene	10.95	284	385107	43.551	ng		96
70) Pentachlorophenol	11.14	266	387317	80.422	ng		100
71) Phenanthrene	11.35	178	1566310	43.697	ng		100
72) Anthracene	11.40	178	1600894	43.390	ng		99
73) Carbazole	11.56	167	1454680	43.780	ng		99
74) Di-n-butylphthalate	11.90	149	1774809	42.199	ng		99
75) Fluoranthene	12.55	202	1756340	45.632	ng		97
77) Benzidine	12.67	184	1175038	54.094	ng		98
78) Pyrene	12.78	202	1777051	39.051	ng		100
80) Butylbenzylphthalate	13.41	149	771132	36.880	ng		97
81) Benzo(a)anthracene	13.99	228	1592352	41.446	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	604909	39.176	ng		99
83) Chrysene	14.02	228	1548703	41.055	ng		99
84) Bis(2-ethylhexyl)phthalate	13.98	149	1021297	40.689	ng	#	99
85) Di-n-octyl phthalate	14.60	149	1827238	39.278	ng		98
86) Indeno(1,2,3-cd)pyrene	16.97	276	1849785	40.229	ng		95
88) Benzo(b)fluoranthene	15.05	252	1744816	39.981	ng	#	98
89) Benzo(k)fluoranthene	15.07	252	1692301	44.455	ng	#	98
90) Benzo(a)pyrene	15.42	252	1724562	43.429	ng	#	97
91) Dibenzo(a,h)anthracene	16.99	278	1561379	42.173	ng		96
92) Benzo(g,h,i)perylene	17.42	276	1448230	38.056	ng		95

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

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