Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092019\
Data File : BP000359.D
Acq On : 20 Sep 2019 17:12
Operator : HP/JU
Sample : K4968-01MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
9/24/2019 8:34:02 AM

Quant Time: Sep 20 23:57:32 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	181405	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	650938	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	363403	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	696266	20.00	ng		0.00
76) Chrysene-d12	13.99	240	597934	20.00	ng		0.00
87) Perylene-d12	15.47	264	710577	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1201433	114.34	ng		0.01
7) Phenol-d6	6.43	99	1564421	121.46	ng		0.01
23) Nitrobenzene-d5	7.35	82	890563	88.27	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	529330	146.85	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2038122	100.94	ng		0.00
79) Terphenyl-d14	12.93	244	2571475	90.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	144700	30.515	ng		98
3) Pyridine	3.26	79	370075	28.990	ng		99
4) n-Nitrosodimethylamine	3.19	42	127330	35.374	ng		94
6) Aniline	6.45	93	218134	12.283	ng	#	1
8) 2-Chlorophenol	6.58	128	469744	41.514	ng		97
9) Benzaldehyde	6.33	77	307798	45.121	ng		99
10) Phenol	6.45	94	626750	42.827	ng		91
11) bis(2-Chloroethyl)ether	6.52	93	417265	37.233	ng		98
12) 1,3-Dichlorobenzene	6.73	146	526743	38.792	ng		100
13) 1,4-Dichlorobenzene	6.81	146	539695	39.948	ng		97
14) 1,2-Dichlorobenzene	6.96	146	504938	40.801	ng		99
15) Benzyl Alcohol	6.93	79	378250	40.353	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	357143	33.614	ng		97
17) 2-Methylphenol	7.05	107	388251	40.061	ng		99
18) Hexachloroethane	7.30	117	164350	32.873	ng		96
19) n-Nitroso-di-n-propylamine	7.20	70	260197	38.207	ng		95
20) 3+4-Methylphenols	7.20	107	487394	41.589	ng	#	77
22) Acetophenone	7.19	105	638764	45.281	ng	#	97
24) Nitrobenzene	7.37	77	434857	41.497	ng		100
25) Isophorone	7.61	82	797423	39.916	ng		98
26) 2-Nitrophenol	7.69	139	202261	36.408	ng		97
27) 2,4-Dimethylphenol	7.73	122	412897	46.659	ng		97
28) bis(2-Chloroethoxy)methane	7.82	93	525686	39.563	ng		100
29) 2,4-Dichlorophenol	7.93	162	426609	44.981	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	469715	43.209	ng		99
31) Naphthalene	8.10	128	1347310	44.691	ng		99
32) Benzoic acid	7.82	122	153389m	25.672	ng		
33) 4-Chloroaniline	8.14	127	179593	13.163	ng		99
34) Hexachlorobutadiene	8.22	225	288158	44.737	ng		100
35) Caprolactam	8.50	113	138558m	42.946	ng		
36) 4-Chloro-3-methylphenol	8.63	107	423327	43.969	ng		97
37) 2-Methylnaphthalene	8.79	142	934818	45.360	ng		99
38) 1-Methylnaphthalene	8.89	142	867489	44.936	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	496479	47.783	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	111190	18.636	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	311941	43.388	ng		98
44) 2,4,5-Trichlorophenol	9.11	196	339915	46.172	ng		97
46) 1,1'-Biphenyl	9.25	154	1161414	46.199	ng		98
47) 2-Chloronaphthalene	9.28	162	907948	43.054	ng		99
48) 2-Nitroaniline	9.37	65	219956	41.072	ng		99
49) Acenaphthylene	9.69	152	1436260	45.308	ng		99
50) Dimethylphthalate	9.55	163	1306219	52.757	ng		99
51) 2,6-Dinitrotoluene	9.61	165	233210	42.838	ng		97
52) Acenaphthene	9.87	154	818285	40.905	ng		99
53) 3-Nitroaniline	9.78	138	207817	32.888	ng		94
54) 2,4-Dinitrophenol	9.89	184	14800	6.153	ng		92
55) Dibenzofuran	10.04	168	1298660	45.923	ng		100
56) 4-Nitrophenol	9.95	139	355192	75.574	ng		94
57) 2,4-Dinitrotoluene	10.02	165	294677	41.405	ng		96
58) Fluorene	10.39	166	982089	44.962	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	276979	45.723	ng		99
60) Diethylphthalate	10.26	149	1054605	44.279	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	521807	46.540	ng		99
62) 4-Nitroaniline	10.40	138	266395	42.861	ng		94
63) Azobenzene	10.54	77	831999	41.232	ng		97
65) 4,6-Dinitro-2-methylphenol	10.43	198	16870	5.153	ng		94
66) n-Nitrosodiphenylamine	10.49	169	907293	43.287	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	342610	43.515	ng		96
68) Hexachlorobenzene	10.95	284	378297	43.949	ng		95
70) Pentachlorophenol	11.14	266	374709	79.929	ng		98
71) Phenanthrene	11.35	178	1556226	44.602	ng		100
72) Anthracene	11.40	178	1579361	43.975	ng		99
73) Carbazole	11.56	167	1448369	44.781	ng		100
74) Di-n-butylphthalate	11.90	149	1716601	41.930	ng		100
75) Fluoranthene	12.55	202	1736962	46.361	ng		96
77) Benzidine	12.67	184	1094294	51.244	ng		97
78) Pyrene	12.78	202	1776546	39.712	ng		99
80) Butylbenzylphthalate	13.41	149	762123	37.076	ng		94
81) Benzo(a)anthracene	13.99	228	1595530	42.243	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	574897	37.873	ng		99
83) Chrysene	14.02	228	1559881	42.063	ng		99
84) Bis(2-ethylhexyl)phthalate	13.98	149	979719	39.704	ng	#	99
85) Di-n-octyl phthalate	14.60	149	1813071	39.644	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	1784464	39.476	ng		95
88) Benzo(b)fluoranthene	15.05	252	1757043	41.449	ng	#	97
89) Benzo(k)fluoranthene	15.07	252	1688841	45.673	ng	#	97
90) Benzo(a)pyrene	15.42	252	1695150	43.948	ng	#	97
91) Dibenzo(a,h)anthracene	16.98	278	1514369	42.110	ng		97
92) Benzo(g,h,i)perylene	17.42	276	1388711	37.569	ng	#	94

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

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