Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
Data File : BP000392.D
Acq On : 24 Sep 2019 18:36
Operator : JU
Sample : K4665-06MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-091919MS

Manual Integrations APPROVED
mohammad
9/26/2019 8:24:56 AM

Quant Time: Sep 25 02:04:46 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	209097	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	743476	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	412988	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	856543	20.00	ng		0.00
76) Chrysene-d12	13.99	240	552368	20.00	ng		0.00
87) Perylene-d12	15.47	264	637043	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1653136	136.49	ng		0.02
7) Phenol-d6	6.43	99	1732388	116.68	ng		0.01
23) Nitrobenzene-d5	7.35	82	1124417	97.58	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	652098	159.19	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2390081	104.16	ng		0.00
79) Terphenyl-d14	12.93	244	2668785	101.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	210678	38.545	ng		100
3) Pyridine	3.33	79	426252	28.969	ng		100
4) n-Nitrosodimethylamine	3.25	42	185803	44.782	ng		97
6) Aniline	6.45	93	287208	14.030	ng	#	54
8) 2-Chlorophenol	6.58	128	578143	44.327	ng		99
9) Benzaldehyde	6.33	77	307653	38.104	ng		98
10) Phenol	6.45	94	697458	41.347	ng		93
11) bis(2-Chloroethyl)ether	6.52	93	558323	43.222	ng		100
12) 1,3-Dichlorobenzene	6.73	146	655293	41.868	ng		100
13) 1,4-Dichlorobenzene	6.80	146	664398	42.666	ng		99
14) 1,2-Dichlorobenzene	6.96	146	616800	43.239	ng		99
15) Benzyl Alcohol	6.93	79	483924	44.789	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	489321	39.956	ng		98
17) 2-Methylphenol	7.05	107	478259	42.813	ng		98
18) Hexachloroethane	7.30	117	235538	40.873	ng		92
19) n-Nitroso-di-n-propylamine	7.20	70	345499	44.014	ng		95
20) 3+4-Methylphenols	7.20	107	584943	43.302	ng		91
22) Acetophenone	7.19	105	817221	50.721	ng	#	98
24) Nitrobenzene	7.37	77	582454	48.664	ng		98
25) Isophorone	7.61	82	1075870	47.151	ng		99
26) 2-Nitrophenol	7.69	139	312064	49.181	ng		97
27) 2,4-Dimethylphenol	7.73	122	530793	52.516	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	722999	47.640	ng		99
29) 2,4-Dichlorophenol	7.93	162	572383	52.839	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	573680	46.204	ng		99
31) Naphthalene	8.09	128	1761180	51.148	ng		100
32) Benzoic acid	7.84	122	280159	41.053	ng		98
33) 4-Chloroaniline	8.14	127	113798	7.303	ng		99
34) Hexachlorobutadiene	8.22	225	339608	46.162	ng		99
35) Caprolactam	8.49	113	142269m	38.608	ng		
36) 4-Chloro-3-methylphenol	8.63	107	548865	49.912	ng		96
37) 2-Methylnaphthalene	8.79	142	1173684	49.862	ng		99
38) 1-Methylnaphthalene	8.89	142	1110845	50.380	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	595641	50.444	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	552953	81.550	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	421891	51.635	ng		98
44) 2,4,5-Trichlorophenol	9.11	196	435334	52.033	ng		99
46) 1,1'-Biphenyl	9.25	154	1453583	50.878	ng		99
47) 2-Chloronaphthalene	9.27	162	1145877	47.813	ng		99
48) 2-Nitroaniline	9.37	65	284256	46.706	ng		98
49) Acenaphthylene	9.69	152	1877050	52.104	ng		100
50) Dimethylphthalate	9.55	163	1609157	57.189	ng		100
51) 2,6-Dinitrotoluene	9.61	165	317061	51.248	ng		98
52) Acenaphthene	9.86	154	1089365	47.918	ng		99
53) 3-Nitroaniline	9.77	138	97855	13.627	ng		97
54) 2,4-Dinitrophenol	9.89	184	241000	88.171	ng		97
55) Dibenzofuran	10.04	168	1649005	51.311	ng		100
56) 4-Nitrophenol	9.96	139	513004	96.047	ng		94
57) 2,4-Dinitrotoluene	10.02	165	428015	52.920	ng		98
58) Fluorene	10.38	166	1271376	51.218	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	357473	51.925	ng		100
60) Diethylphthalate	10.26	149	1373462	50.743	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	655326	51.431	ng		98
62) 4-Nitroaniline	10.40	138	310436	43.950	ng		96
63) Azobenzene	10.53	77	1152290	50.249	ng		96
65) 4,6-Dinitro-2-methylphenol	10.43	198	173509	43.081	ng		100
66) n-Nitrosodiphenylamine	10.49	169	1153602	44.739	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	429624	44.356	ng		94
68) Hexachlorobenzene	10.94	284	456877	43.146	ng		96
70) Pentachlorophenol	11.13	266	517989	89.817	ng		99
71) Phenanthrene	11.35	178	2104581	49.031	ng		100
72) Anthracene	11.40	178	1944876	44.020	ng		100
73) Carbazole	11.56	167	1531226	38.484	ng		99
74) Di-n-butylphthalate	11.90	149	1855512	36.843	ng		100
75) Fluoranthene	12.55	202	1868845	40.547	ng		96
77) Benzidine	12.67	184	743896	37.709	ng		98
78) Pyrene	12.78	202	1900305	45.983	ng		100
80) Butylbenzylphthalate	13.41	149	811132	42.715	ng		99
81) Benzo(a)anthracene	13.99	228	1683528	48.250	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	331497	23.640	ng		98
83) Chrysene	14.02	228	1645213	48.023	ng		99
84) Bis(2-ethylhexyl)phthalate	13.98	149	1065322	46.735	ng		99
85) Di-n-octyl phthalate	14.60	149	1940270	45.926	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	2083889	49.903	ng		95
88) Benzo(b)fluoranthene	15.04	252	1797018	47.285	ng		98
89) Benzo(k)fluoranthene	15.07	252	1727536	52.112	ng	#	97
90) Benzo(a)pyrene	15.42	252	1748004	50.549	ng	#	97
91) Dibenzo(a,h)anthracene	16.98	278	1702853	52.817	ng	#	96
92) Benzo(g,h,i)perylene	17.40	276	1752849	52.893	ng		95

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

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