Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000681.D
Acq On : 12 Oct 2019 20:46
Operator : JU
Sample : K5298-04MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-10MSD

Manual Integrations APPROVED
mohammad
10/16/2019 8:08:07 AM

Quant Time: Oct 14 05:47:03 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	254417	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	910859	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	497025	20.00	ng		-0.02
64) Phenanthrene-d10	11.30	188	916915	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	723874	20.00	ng		-0.01
87) Perylene-d12	15.45	264	819148	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1636583	103.40	ng		-0.01
7) Phenol-d6	6.39	99	2120036	111.16	ng		-0.02
23) Nitrobenzene-d5	7.31	82	1185996	79.52	ng		-0.02
42) 2,4,6-Tribromophenol	10.60	330	625485	118.10	ng		-0.01
45) 2-Fluorobiphenyl	9.12	172	2541314	82.73	ng		-0.02
79) Terphenyl-d14	12.90	244	2876372	80.45	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	207533	32.835	ng		99
3) Pyridine	3.23	79	507358	29.380	ng		100
4) n-Nitrosodimethylamine	3.17	42	173703	35.746	ng		97
6) Aniline	6.41	93	405725	17.510	ng	#	3
8) 2-Chlorophenol	6.54	128	580085	37.136	ng		97
9) Benzaldehyde	6.29	77	319017	32.111	ng		97
10) Phenol	6.40	94	785700	40.235	ng		98
11) bis(2-Chloroethyl)ether	6.49	93	544817	36.263	ng		98
12) 1,3-Dichlorobenzene	6.69	146	654433	34.562	ng		98
13) 1,4-Dichlorobenzene	6.77	146	663948	34.847	ng		97
14) 1,2-Dichlorobenzene	6.92	146	614954	34.958	ng		100
15) Benzyl Alcohol	6.89	79	455298	36.964	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.03	45	497726	35.915	ng		100
17) 2-Methylphenol	7.01	107	485429	37.603	ng		98
18) Hexachloroethane	7.26	117	232192	34.240	ng		96
19) n-Nitroso-di-n-propylamine	7.16	70	321704	36.593	ng		99
20) 3+4-Methylphenols	7.16	107	588349	38.949	ng	#	81
22) Acetophenone	7.16	105	777995	36.965	ng		98
24) Nitrobenzene	7.33	77	556045	38.658	ng		96
25) Isophorone	7.57	82	1019521	38.518	ng		97
26) 2-Nitrophenol	7.65	139	312446	41.306	ng		94
27) 2,4-Dimethylphenol	7.69	122	493820	42.589	ng		99
28) bis(2-Chloroethoxy)methane	7.78	93	675015	37.527	ng		99
29) 2,4-Dichlorophenol	7.89	162	520797	39.724	ng		97
30) 1,2,4-Trichlorobenzene	7.98	180	570550	37.055	ng		99
31) Naphthalene	8.06	128	1659342	39.006	ng		99
32) Benzoic acid	7.82	122	260725	35.611	ng		99
33) 4-Chloroaniline	8.10	127	192923	10.329	ng		100
34) Hexachlorobutadiene	8.18	225	330808	35.551	ng		98
35) Caprolactam	8.47	113	169886m	38.688	ng		
36) 4-Chloro-3-methylphenol	8.60	107	510765	39.777	ng		100
37) 2-Methylnaphthalene	8.75	142	1144627	40.081	ng		99
38) 1-Methylnaphthalene	8.85	142	1061842	39.351	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	573232	36.438	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	379611	62.083 ng	99
43) 2,4,6-Trichlorophenol	9.03	196	359360	37.109 ng	98
44) 2,4,5-Trichlorophenol	9.08	196	389230	38.929 ng	98
46) 1,1'-Biphenyl	9.22	154	1402215	37.376 ng	98
47) 2-Chloronaphthalene	9.24	162	1095163	37.751 ng	98
48) 2-Nitroaniline	9.33	65	266675	37.969 ng	98
49) Acenaphthylene	9.66	152	1730041	39.528 ng	99
50) Dimethylphthalate	9.52	163	1672855	48.438 ng	99
51) 2,6-Dinitrotoluene	9.58	165	295813	39.278 ng	95
52) Acenaphthene	9.83	154	985947	37.136 ng	99
53) 3-Nitroaniline	9.75	138	121570	14.088 ng	97
54) 2,4-Dinitrophenol	9.86	184	208684	83.039 ng	97
55) Dibenzofuran	10.00	168	1549886	39.052 ng	100
56) 4-Nitrophenol	9.93	139	415342	75.387 ng	95
57) 2,4-Dinitrotoluene	9.99	165	390153	39.071 ng	96
58) Fluorene	10.35	166	1166321	41.234 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	322842	38.196 ng	98
60) Diethylphthalate	10.23	149	1234368	37.652 ng	99
61) 4-Chlorophenyl-phenylether	10.35	204	606229	39.856 ng	99
62) 4-Nitroaniline	10.37	138	297630	35.861 ng	99
63) Azobenzene	10.50	77	1046202	41.565 ng	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	175057	43.068 ng	98
66) n-Nitrosodiphenylamine	10.46	169	1077228	40.338 ng	97
67) 4-Bromophenyl-phenylether	10.84	248	390343	37.819 ng	98
68) Hexachlorobenzene	10.91	284	423211	36.082 ng	98
69) Atrazine	11.00	200	338156	38.586 ng	99
70) Pentachlorophenol	11.10	266	363096	77.075 ng	96
71) Phenanthrene	11.32	178	1803232	39.158 ng	99
72) Anthracene	11.38	178	1838419	40.264 ng	100
73) Carbazole	11.53	167	1678992	39.668 ng	98
74) Di-n-butylphthalate	11.87	149	1989657	38.589 ng	100
75) Fluoranthene	12.52	202	2011548	38.894 ng	99
77) Benzidine	12.65	184	750799	35.818 ng	98
78) Pyrene	12.76	202	2031176	40.684 ng	99
80) Butylbenzylphthalate	13.39	149	859850	39.524 ng	98
81) Benzo(a)anthracene	13.96	228	1723399	39.020 ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	419875	23.934 ng	97
83) Chrysene	14.00	228	1720732	39.694 ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	1085483	39.672 ng	98
85) Di-n-octyl phthalate	14.57	149	2021933	40.770 ng	100
86) Indeno(1,2,3-cd)pyrene	16.92	276	2017026	37.249 ng	99
88) Benzo(b)fluoranthene	15.02	252	1840504	39.604 ng	98
89) Benzo(k)fluoranthene	15.05	252	1745257	39.446 ng	98
90) Benzo(a)pyrene	15.39	252	1779477	41.076 ng	99
91) Dibenzo(a,h)anthracene	16.93	278	1657033	39.438 ng	99
92) Benzo(g,h,i)perylene	17.36	276	1692203	39.635 ng	98

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

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