Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
Data File : BP000642.D
Acq On : 11 Oct 2019 19:34
Operator : JU
Sample : K5298-04MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-10MS

Manual Integrations APPROVED
mohammad
10/16/2019 8:03:50 AM

Quant Time: Oct 11 23:55:31 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	252367	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	933241	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	530654	20.00	ng		-0.02
64) Phenanthrene-d10	11.30	188	972401	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	764434	20.00	ng		-0.01
87) Perylene-d12	15.44	264	855105	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1695917	108.02	ng		-0.02
7) Phenol-d6	6.39	99	2224157	117.56	ng		-0.02
23) Nitrobenzene-d5	7.31	82	1231182	80.57	ng		-0.02
42) 2,4,6-Tribromophenol	10.60	330	661029	116.90	ng		-0.01
45) 2-Fluorobiphenyl	9.12	172	2615250	79.74	ng		-0.02
79) Terphenyl-d14	12.90	244	3070745	81.33	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	202796	32.347	ng		98
3) Pyridine	3.20	79	519243	30.313	ng		98
4) n-Nitrosodimethylamine	3.14	42	176660	36.650	ng		96
6) Aniline	6.41	93	392176	17.063	ng	#	19
8) 2-Chlorophenol	6.54	128	596819	38.518	ng		97
9) Benzaldehyde	6.29	77	323472	32.824	ng		98
10) Phenol	6.40	94	818689	42.264	ng		99
11) bis(2-Chloroethyl)ether	6.49	93	568588	38.153	ng		99
12) 1,3-Dichlorobenzene	6.69	146	661619	35.225	ng		98
13) 1,4-Dichlorobenzene	6.77	146	674408	35.683	ng		97
14) 1,2-Dichlorobenzene	6.92	146	623344	35.722	ng		100
15) Benzyl Alcohol	6.89	79	468897	38.377	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.03	45	512161	37.257	ng		99
17) 2-Methylphenol	7.01	107	487542	38.073	ng		98
18) Hexachloroethane	7.26	117	228150	33.918	ng		100
19) n-Nitroso-di-n-propylamine	7.16	70	340385	39.033	ng		99
20) 3+4-Methylphenols	7.16	107	614197	40.991	ng	#	82
22) Acetophenone	7.16	105	814345	37.764	ng		98
24) Nitrobenzene	7.33	77	571391	38.772	ng		95
25) Isophorone	7.57	82	1067951	39.380	ng		97
26) 2-Nitrophenol	7.65	139	308877	39.855	ng		96
27) 2,4-Dimethylphenol	7.69	122	531960	44.778	ng		99
28) bis(2-Chloroethoxy)methane	7.78	93	708992	38.470	ng		99
29) 2,4-Dichlorophenol	7.89	162	537911	40.046	ng		96
30) 1,2,4-Trichlorobenzene	7.98	180	578494	36.670	ng		99
31) Naphthalene	8.06	128	1701132	39.030	ng		99
32) Benzoic acid	7.82	122	282933	37.718	ng		99
33) 4-Chloroaniline	8.10	127	151363	7.909	ng		100
34) Hexachlorobutadiene	8.18	225	333610	34.993	ng		97
35) Caprolactam	8.46	113	176291m	39.184	ng		
36) 4-Chloro-3-methylphenol	8.60	107	540405	41.076	ng		100
37) 2-Methylnaphthalene	8.75	142	1192019	40.740	ng		99
38) 1-Methylnaphthalene	8.85	142	1105847	39.999	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	598138	35.612	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	330176	51.929	ng	100
43) 2,4,6-Trichlorophenol	9.03	196	380857	36.836	ng	99
44) 2,4,5-Trichlorophenol	9.08	196	414326	38.813	ng	98
46) 1,1'-Biphenyl	9.22	154	1471201	36.730	ng	99
47) 2-Chloronaphthalene	9.24	162	1154810	37.284	ng	98
48) 2-Nitroaniline	9.34	65	274491	36.606	ng	88
49) Acenaphthylene	9.66	152	1826144	39.079	ng	100
50) Dimethylphthalate	9.52	163	1767564	47.937	ng	99
51) 2,6-Dinitrotoluene	9.58	165	310672	38.637	ng	92
52) Acenaphthene	9.83	154	1049820	37.036	ng	99
53) 3-Nitroaniline	9.75	138	135330	14.688	ng	99
54) 2,4-Dinitrophenol	9.86	184	201677	75.165	ng	99
55) Dibenzofuran	10.00	168	1660768	39.194	ng	100
56) 4-Nitrophenol	9.93	139	449231	76.371	ng	92
57) 2,4-Dinitrotoluene	9.99	165	413034	38.741	ng	98
58) Fluorene	10.35	166	1259280	41.699	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	344759	38.205	ng	99
60) Diethylphthalate	10.23	149	1322905	37.795	ng	99
61) 4-Chlorophenyl-phenylether	10.35	204	646624	39.818	ng	99
62) 4-Nitroaniline	10.37	138	319144	36.016	ng	99
63) Azobenzene	10.50	77	1151258	42.841	ng	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	173185	40.177	ng	98
66) n-Nitrosodiphenylamine	10.46	169	1152278	40.686	ng	97
67) 4-Bromophenyl-phenylether	10.84	248	418356	38.220	ng	99
68) Hexachlorobenzene	10.91	284	443165	35.627	ng	98
69) Atrazine	11.00	200	361752	38.923	ng	99
70) Pentachlorophenol	11.10	266	381738	76.409	ng	97
71) Phenanthrene	11.32	178	1927191	39.462	ng	98
72) Anthracene	11.37	178	1966385	40.609	ng	100
73) Carbazole	11.53	167	1785626	39.780	ng	98
74) Di-n-butylphthalate	11.87	149	2149740	39.314	ng	100
75) Fluoranthene	12.52	202	2131165	38.855	ng	99
77) Benzidine	12.65	184	851300	38.457	ng	98
78) Pyrene	12.75	202	2169929	41.157	ng	99
80) Butylbenzylphthalate	13.39	149	920341	40.060	ng	99
81) Benzo(a)anthracene	13.96	228	1818699	38.993	ng	97
82) 3,3'-Dichlorobenzidine	13.92	252	433618	23.406	ng	98
83) Chrysene	14.00	228	1790021	39.102	ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	1171658	40.550	ng	98
85) Di-n-octyl phthalate	14.57	149	2180565	41.636	ng	100
86) Indeno(1,2,3-cd)pyrene	16.92	276	2110423	36.906	ng	99
88) Benzo(b)fluoranthene	15.02	252	2032431	41.895	ng	98
89) Benzo(k)fluoranthene	15.05	252	1682590	36.431	ng	98
90) Benzo(a)pyrene	15.38	252	1848730	40.881	ng	97
91) Dibenzo(a,h)anthracene	16.93	278	1719550	39.205	ng	100
92) Benzo(g,h,i)perylene	17.35	276	1769758	39.709	ng	99

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

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