Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121919\
Data File : BP001328.D
Acq On : 19 Dec 2019 17:20
Operator : JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
12/20/2019 4:27:42 PM

Quant Time: Dec 20 02:56:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 02:37:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	47115	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	167021	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	95396	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	189912	20.00	ng	0.00
76) Chrysene-d12	19.25	240	161145	20.00	ng	0.00
87) Perylene-d12	21.02	264	171820	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	224753	79.14	ng	0.00
7) Phenol-d6	7.75	99	291704	77.10	ng	0.00
23) Nitrobenzene-d5	9.19	82	324387	84.26	ng	0.00
42) 2,4,6-Tribromophenol	14.49	330	89264	97.62	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	567891	87.13	ng	0.00
79) Terphenyl-d14	17.89	244	689112	79.12	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.52	88	45341	34.182	ng	100
3) Pyridine	3.37	79	129248	35.114	ng	100
4) n-Nitrosodimethylamine	3.28	42	80378	50.464	ng	100
6) Aniline	7.78	93	185572	36.994	ng	100
8) 2-Chlorophenol	7.96	128	111917	38.091	ng	100
9) Benzaldehyde	7.60	77	103855	42.234	ng	100
10) Phenol	7.77	94	164493	38.223	ng	100
11) bis(2-Chloroethyl)ether	7.90	93	117089	34.940	ng	100
12) 1,3-Dichlorobenzene	8.21	146	140653	40.388	ng	100
13) 1,4-Dichlorobenzene	8.33	146	141241	40.261	ng	100
14) 1,2-Dichlorobenzene	8.56	146	136219	41.258	ng	100
15) Benzyl Alcohol	8.53	79	138382	44.558	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.77	45	187650	34.830	ng	100
17) 2-Methylphenol	8.72	107	99874	37.056	ng	100
18) Hexachloroethane	9.10	117	61049	42.066	ng	100
19) n-Nitroso-di-n-propylamine	8.97	70	103041	37.744	ng	100
20) 3+4-Methylphenols	8.97	107	132173	38.903	ng	100
22) Acetophenone	8.95	105	196553	40.040	ng	100
24) Nitrobenzene	9.22	77	161562	42.205	ng	100
25) Isophorone	9.61	82	261158	37.831	ng	100
26) 2-Nitrophenol	9.72	139	57790	41.215	ng	100
27) 2,4-Dimethylphenol	9.82	122	84578	38.081	ng	100
28) bis(2-Chloroethoxy)methane	9.98	93	156472	36.127	ng	100
29) 2,4-Dichlorophenol	10.12	162	103572	40.972	ng	100
30) 1,2,4-Trichlorobenzene	10.25	180	126125	42.718	ng	100
31) Naphthalene	10.37	128	337994	39.623	ng	100
32) Benzoic acid	9.99	122	64901m	40.420	ng	
33) 4-Chloroaniline	10.47	127	138338	37.372	ng	100
34) Hexachlorobutadiene	10.59	225	89058	47.950	ng	100
35) Caprolactam	11.04	113	31161	35.767	ng	100
36) 4-Chloro-3-methylphenol	11.28	107	120372	40.163	ng	100
37) 2-Methylnaphthalene	11.50	142	231088	39.702	ng	100
38) 1-Methylnaphthalene	11.66	142	219923	39.998	ng	100
40) 1,2,4,5-Tetrachlorobenzene	11.78	216	133828	44.515	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.77	237	66745	48.125	ng	100
43) 2,4,6-Trichlorophenol	11.97	196	81774	41.659	ng	100
44) 2,4,5-Trichlorophenol	12.03	196	84533	41.563	ng	100
46) 1,1'-Biphenyl	12.27	154	300382	40.743	ng	100
47) 2-Chloronaphthalene	12.29	162	243884	41.413	ng	100
48) 2-Nitroaniline	12.46	65	99695	43.195	ng	100
49) Acenaphthylene	12.97	152	354473	40.156	ng	100
50) Dimethylphthalate	12.80	163	296502	41.558	ng	100
51) 2,6-Dinitrotoluene	12.87	165	59552	38.992	ng	100
52) Acenaphthene	13.26	154	212711	40.059	ng	100
53) 3-Nitroaniline	13.14	138	64132	37.380	ng	100
54) 2,4-Dinitrophenol	13.31	184	24435	45.623	ng	100
55) Dibenzofuran	13.54	168	330395	41.407	ng	100
56) 4-Nitrophenol	13.43	139	46772	38.472	ng	100
57) 2,4-Dinitrotoluene	13.53	165	83676	43.709	ng	100
58) Fluorene	14.10	166	267162	41.785	ng	100
59) 2,3,4,6-Tetrachlorophenol	13.75	232	72669m	43.466	ng	
60) Diethylphthalate	13.96	149	302803	40.988	ng	100
61) 4-Chlorophenyl-phenylether	14.12	204	140158	43.048	ng	100
62) 4-Nitroaniline	12.46	138	74630	37.519	ng	100
63) Azobenzene	14.38	77	320504	40.136	ng	100
65) 4,6-Dinitro-2-methylphenol	14.20	198	31241	41.194	ng	100
66) n-Nitrosodiphenylamine	14.32	169	226991	39.337	ng	100
67) 4-Bromophenyl-phenylether	14.92	248	84752	41.106	ng	100
68) Hexachlorobenzene	15.00	284	95880	42.299	ng	100
69) Atrazine	15.20	200	83106	47.169	ng	100
70) Pentachlorophenol	15.32	266	48913	41.402	ng	100
71) Phenanthrene	15.64	178	405710	40.635	ng	100
72) Anthracene	15.72	178	401677	40.817	ng	100
73) Carbazole	15.96	167	359628	40.160	ng	100
74) Di-n-butylphthalate	16.52	149	491402	40.814	ng	100
75) Fluoranthene	17.35	202	449428	42.519	ng	100
77) Benzidine	17.54	184	177578	42.680	ng	100
78) Pyrene	17.65	202	460539	36.285	ng	100
80) Butylbenzylphthalate	18.54	149	217228	37.055	ng	100
81) Benzo(a)anthracene	19.23	228	433161	38.769	ng	100
82) 3,3'-Dichlorobenzidine	19.20	252	156660	42.443	ng	100
83) Chrysene	19.28	228	418273	41.807	ng	100
84) Bis(2-ethylhexyl)phthalate	19.29	149	308778	38.310	ng	100
85) Di-n-octyl phthalate	20.07	149	524157	36.609	ng	100
86) Indeno(1,2,3-cd)pyrene	22.66	276	457655	38.814	ng	100
88) Benzo(b)fluoranthene	20.53	252	418487	39.876	ng	100
89) Benzo(k)fluoranthene	20.57	252	395375	39.115	ng	100
90) Benzo(a)pyrene	20.95	252	380933	39.407	ng	100
91) Dibenzo(a,h)anthracene	22.69	278	373929	39.528	ng	100
92) Benzo(g,h,i)perylene	23.15	276	359514	38.487	ng	100

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

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