Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP110619\
Data File : BP000987.D
Acq On : 06 Nov 2019 14:04
Operator : JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
11/8/2019 3:31:04 PM

Quant Time: Nov 06 15:26:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 14:31:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	285509	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	1007410	20.00	ng	0.00
39) Acenaphthene-d10	13.27	164	591618	20.00	ng	0.00
64) Phenanthrene-d10	15.66	188	1213730	20.00	ng	0.00
76) Chrysene-d12	19.30	240	996681	20.00	ng	0.00
87) Perylene-d12	21.08	264	1142319	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	1227444	70.89	ng	0.00
7) Phenol-d6	7.82	99	1553837	70.57	ng	0.00
23) Nitrobenzene-d5	9.26	82	1418222	83.88	ng	0.00
42) 2,4,6-Tribromophenol	14.56	330	549680	82.03	ng	0.00
45) 2-Fluorobiphenyl	12.19	172	3093580	81.49	ng	0.00
79) Terphenyl-d14	17.94	244	3924460	81.74	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.83	88	264914	37.448	ng	100
3) Pyridine	3.66	79	715926	38.492	ng	100
4) n-Nitrosodimethylamine	3.58	42	242490	37.566	ng	100
6) Aniline	7.86	93	1017013	36.944	ng	100
8) 2-Chlorophenol	8.04	128	650531	38.603	ng	100
9) Benzaldehyde	7.68	77	547733	47.937	ng	100
10) Phenol	7.83	94	831483m	37.867	ng	
11) bis(2-Chloroethyl)ether	7.98	93	651111	37.927	ng	100
12) 1,3-Dichlorobenzene	8.29	146	810530	38.341	ng	100
13) 1,4-Dichlorobenzene	8.40	146	816566	38.429	ng	100
14) 1,2-Dichlorobenzene	8.64	146	762195	38.899	ng	100
15) Benzyl Alcohol	8.60	79	592939	39.136	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.84	45	681801	37.484	ng	100
17) 2-Methylphenol	8.79	107	546456	37.861	ng	100
18) Hexachloroethane	9.18	117	301428	38.882	ng	100
19) n-Nitroso-di-n-propylamine	9.04	70	460022	38.677	ng	100
20) 3+4-Methylphenols	9.03	107	687841	38.755	ng	100
22) Acetophenone	9.02	105	1010659	40.001	ng	100
24) Nitrobenzene	9.29	77	714311	42.229	ng	100
25) Isophorone	9.68	82	1288125	40.501	ng	100
26) 2-Nitrophenol	9.79	139	262866	45.134	ng	100
27) 2,4-Dimethylphenol	9.88	122	492155	39.347	ng	100
28) bis(2-Chloroethoxy)methane	10.05	93	843497	40.707	ng	100
29) 2,4-Dichlorophenol	10.18	162	603657	41.940	ng	100
30) 1,2,4-Trichlorobenzene	10.32	180	735577	41.133	ng	100
31) Naphthalene	10.44	128	1967260	41.224	ng	100
32) Benzoic acid	10.04	122	259151	40.825	ng	100
33) 4-Chloroaniline	10.53	127	843658	40.375	ng	100
34) Hexachlorobutadiene	10.66	225	483772	41.753	ng	100
35) Caprolactam	11.10	113	189225	39.861	ng	100
36) 4-Chloro-3-methylphenol	11.33	107	621344	41.968	ng	100
37) 2-Methylnaphthalene	11.57	142	1370272	41.471	ng	100
38) 1-Methylnaphthalene	11.73	142	1291616	41.471	ng	100
40) 1,2,4,5-Tetrachlorobenzene	11.85	216	770446	40.363	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.84	237	381746	39.901	ng	100
43) 2,4,6-Trichlorophenol	12.03	196	462546	43.625	ng	100
44) 2,4,5-Trichlorophenol	12.08	196	495935	43.413	ng	100
46) 1,1'-Biphenyl	12.34	154	1740814	39.999	ng	100
47) 2-Chloronaphthalene	12.36	162	1399631	41.578	ng	100
48) 2-Nitroaniline	12.52	65	365400	44.350	ng	100
49) Acenaphthylene	13.03	152	2130619	41.107	ng	100
50) Dimethylphthalate	12.86	163	1696005	41.777	ng	100
51) 2,6-Dinitrotoluene	12.94	165	356284	43.851	ng	100
52) Acenaphthene	13.32	154	1268848	41.481	ng	100
53) 3-Nitroaniline	13.20	138	386234	42.741	ng	100
54) 2,4-Dinitrophenol	13.37	184	87249	44.763	ng	100
55) Dibenzofuran	13.60	168	1983684	41.578	ng	100
56) 4-Nitrophenol	13.47	139	268457	43.921	ng	100
57) 2,4-Dinitrotoluene	13.59	165	450021	45.027	ng	100
58) Fluorene	14.17	166	1578519	41.620	ng	100
59) 2,3,4,6-Tetrachlorophenol	13.80	232	428298	47.470	ng	100
60) Diethylphthalate	14.03	149	1662834	41.122	ng	100
61) 4-Chlorophenyl-phenylether	14.19	204	824456	41.465	ng	100
62) 4-Nitroaniline	12.52	138	421302	44.568	ng	100
63) Azobenzene	14.45	77	1481030	41.002	ng	100
65) 4,6-Dinitro-2-methylphenol	14.25	198	127019	42.399	ng	100
66) n-Nitrosodiphenylamine	14.38	169	1357402	39.654	ng	100
67) 4-Bromophenyl-phenylether	14.98	248	555385	40.259	ng	100
68) Hexachlorobenzene	15.06	284	637844	39.863	ng	100
69) Atrazine	15.26	200	492942	65.996	ng	100
70) Pentachlorophenol	15.37	266	278805	45.585	ng	100
71) Phenanthrene	15.70	178	2429310	40.032	ng	100
72) Anthracene	15.77	178	2374724	39.959	ng	100
73) Carbazole	16.02	167	2168490	39.702	ng	100
74) Di-n-butylphthalate	16.57	149	2612399	40.977	ng	100
75) Fluoranthene	17.40	202	2727628	39.726	ng	100
77) Benzidine	17.59	184	1456341	55.997	ng	100
78) Pyrene	17.71	202	2754265	41.244	ng	100
80) Butylbenzylphthalate	18.59	149	1061322	41.298	ng	100
81) Benzo(a)anthracene	19.29	228	2597428	40.667	ng	100
82) 3,3'-Dichlorobenzidine	19.25	252	964814	41.456	ng	100
83) Chrysene	19.33	228	2319457	41.406	ng	100
84) Bis(2-ethylhexyl)phthalate	19.34	149	1383427	42.215	ng	100
85) Di-n-octyl phthalate	20.12	149	2437570	40.877	ng	100
86) Indeno(1,2,3-cd)pyrene	22.76	276	3076076	39.074	ng	100
88) Benzo(b)fluoranthene	20.59	252	2612039	40.500	ng	100
89) Benzo(k)fluoranthene	20.62	252	2547293	42.240	ng	100
90) Benzo(a)pyrene	21.01	252	2445619	40.894	ng	100
91) Dibenzo(a,h)anthracene	22.78	278	2501021	41.027	ng	100
92) Benzo(g,h,i)perylene	23.25	276	2482876	40.123	ng	100

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

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