Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121919\
Data File : BP001331.D
Acq On : 19 Dec 2019 18:49
Operator : JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
12/20/2019 4:27:49 PM

Quant Time: Dec 20 03:18:27 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	48480	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	157014	20.00	ng		0.00
39) Acenaphthene-d10	13.20	164	90159	20.00	ng		0.00
64) Phenanthrene-d10	15.60	188	180720	20.00	ng		0.00
76) Chrysene-d12	19.25	240	150511	20.00	ng		0.00
87) Perylene-d12	21.02	264	158788	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	453570	155.22	ng		0.00
7) Phenol-d6	7.76	99	587506	150.92	ng		0.01
23) Nitrobenzene-d5	9.20	82	648072	179.07	ng		0.01
42) 2,4,6-Tribromophenol	14.50	330	182193	210.83	ng		0.01
45) 2-Fluorobiphenyl	12.13	172	1159369	188.20	ng		0.01
79) Terphenyl-d14	17.89	244	1413528	173.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	91710	67.192	ng		97
3) Pyridine	3.36	79	254201	67.117	ng		98
4) n-Nitrosodimethylamine	3.29	42	163950	100.036	ng		96
6) Aniline	7.79	93	367725	71.243	ng		85
8) 2-Chlorophenol	7.97	128	224321	74.197	ng		96
9) Benzaldehyde	7.60	77	176038	69.573	ng		98
10) Phenol	7.79	94	338939	76.542	ng		97
11) bis(2-Chloroethyl)ether	7.92	93	232906	67.544	ng		99
12) 1,3-Dichlorobenzene	8.21	146	282332	78.788	ng		99
13) 1,4-Dichlorobenzene	8.33	146	287104	79.534	ng		96
14) 1,2-Dichlorobenzene	8.57	146	275051	80.961	ng		99
15) Benzyl Alcohol	8.55	79	278341	87.100	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.78	45	370369	66.809	ng		100
17) 2-Methylphenol	8.73	107	195250	70.404	ng		98
18) Hexachloroethane	9.11	117	122101	81.766	ng		96
19) n-Nitroso-di-n-propylamine	8.99	70	205465	73.143	ng		97
20) 3+4-Methylphenols	8.98	107	264040	75.529	ng		97
22) Acetophenone	8.96	105	395729	85.751	ng	#	99
24) Nitrobenzene	9.23	77	317894	88.336	ng		99
25) Isophorone	9.62	82	518081	79.832	ng		98
26) 2-Nitrophenol	9.73	139	115278	87.454	ng		97
27) 2,4-Dimethylphenol	9.83	122	166315	79.655	ng		99
28) bis(2-Chloroethoxy)methane	9.99	93	306160	75.192	ng		98
29) 2,4-Dichlorophenol	10.12	162	206638	86.954	ng		99
30) 1,2,4-Trichlorobenzene	10.26	180	253868	91.464	ng		98
31) Naphthalene	10.38	128	682158	85.067	ng		100
32) Benzoic acid	10.05	122	142603m	94.472	ng		
33) 4-Chloroaniline	10.48	127	275052	79.040	ng		99
34) Hexachlorobutadiene	10.60	225	178972	102.502	ng		99
35) Caprolactam	11.09	113	62677	76.527	ng		90
36) 4-Chloro-3-methylphenol	11.29	107	239361	84.955	ng		98
37) 2-Methylnaphthalene	11.51	142	468720	85.660	ng		100
38) 1-Methylnaphthalene	11.67	142	440444	85.209	ng		98
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	268332	94.440	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.77	237	144591	110.309	ng		99
43) 2,4,6-Trichlorophenol	11.97	196	166999	90.017	ng		99
44) 2,4,5-Trichlorophenol	12.03	196	169619	88.243	ng		98
46) 1,1'-Biphenyl	12.28	154	604086	86.697	ng		98
47) 2-Chloronaphthalene	12.30	162	487918	87.665	ng		100
48) 2-Nitroaniline	12.47	65	197352	90.473	ng		97
49) Acenaphthylene	12.97	152	715769	85.795	ng		100
50) Dimethylphthalate	12.81	163	586587	86.992	ng		99
51) 2,6-Dinitrotoluene	12.89	165	123015	85.223	ng		95
52) Acenaphthene	13.26	154	430523	85.788	ng		100
53) 3-Nitroaniline	13.15	138	127281	78.497	ng		98
55) Dibenzofuran	13.55	168	674501	89.442	ng		98
56) 4-Nitrophenol	13.45	139	95669	83.264	ng		99
57) 2,4-Dinitrotoluene	13.55	165	173679	95.992	ng		95
58) Fluorene	14.11	166	542524	89.781	ng		99
59) 2,3,4,6-Tetrachlorophenol	13.75	232	146651m	92.813	ng		
60) Diethylphthalate	13.97	149	613614	87.886	ng		99
61) 4-Chlorophenyl-phenylether	14.13	204	286066	92.966	ng		95
62) 4-Nitroaniline	12.47	138	149816	79.693	ng		97
63) Azobenzene	14.39	77	636876	84.388	ng		99
65) 4,6-Dinitro-2-methylphenol	14.21	198	70250	97.342	ng		94
66) n-Nitrosodiphenylamine	14.33	169	453607	82.608	ng		99
67) 4-Bromophenyl-phenylether	14.92	248	168649	85.957	ng		98
68) Hexachlorobenzene	15.01	284	193036	89.493	ng		96
69) Atrazine	15.22	200	156562	93.381	ng		99
70) Pentachlorophenol	15.32	266	106505	94.736	ng		92
71) Phenanthrene	15.65	178	823365	86.660	ng		100
72) Anthracene	15.72	178	816094	87.146	ng		100
73) Carbazole	15.97	167	722231	84.755	ng		99
74) Di-n-butylphthalate	16.52	149	1001155	87.382	ng		99
75) Fluoranthene	17.36	202	922225	91.688	ng		98
77) Benzidine	17.54	184	324104	83.401	ng	#	92
78) Pyrene	17.66	202	933835	78.774	ng		99
80) Butylbenzylphthalate	18.55	149	435998	79.628	ng		99
81) Benzo(a)anthracene	19.24	228	867084	83.090	ng		99
82) 3,3'-Dichlorobenzidine	19.21	252	289251	83.902	ng		97
83) Chrysene	19.29	228	834185	89.269	ng		99
84) Bis(2-ethylhexyl)phthalate	19.29	149	643701	85.507	ng		99
85) Di-n-octyl phthalate	20.07	149	1054667	78.866	ng		100
86) Indeno(1,2,3-cd)pyrene	22.68	276	902380	81.938	ng		100
88) Benzo(b)fluoranthene	20.55	252	822283	84.782	ng		98
89) Benzo(k)fluoranthene	20.58	252	799441	85.581	ng		99
90) Benzo(a)pyrene	20.96	252	759404	85.006	ng		98
91) Dibenzo(a,h)anthracene	22.70	278	748283	85.592	ng		98
92) Benzo(g,h,i)perylene	23.17	276	709316	82.166	ng	#	96

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

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