Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122819\
Data File : BP001491.D
Acq On : 28 Dec 2019 23:01
Operator : JU
Sample : K6431-11MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-2-(4-5)MSD

Manual Integrations APPROVED
mohammad
12/30/2019 2:09:48 PM

Quant Time: Dec 29 08:29:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 16:04:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	23811	20.00	ng		-0.01
21) Naphthalene-d8	10.31	136	84973	20.00	ng		-0.01
39) Acenaphthene-d10	13.18	164	50812	20.00	ng		0.00
64) Phenanthrene-d10	15.58	188	103830	20.00	ng		0.00
76) Chrysene-d12	19.24	240	82873	20.00	ng		0.01
87) Perylene-d12	21.02	264	84493	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	234062	158.87	ng		0.00
7) Phenol-d6	7.75	99	318307	165.57	ng		0.00
23) Nitrobenzene-d5	9.17	82	208535	94.24	ng		0.00
42) 2,4,6-Tribromophenol	14.49	330	113706	178.99	ng		0.00
45) 2-Fluorobiphenyl	12.10	172	418334	104.10	ng		0.00
79) Terphenyl-d14	17.87	244	529057	109.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	21908	36.133	ng		96
3) Pyridine	3.40	79	57591	34.771	ng		97
4) n-Nitrosodimethylamine	3.32	42	49345	47.050	ng	#	97
6) Aniline	7.76	93	86985	35.944	ng	#	93
8) 2-Chlorophenol	7.95	128	75996	51.309	ng		95
9) Benzaldehyde	7.57	77	49301	36.558	ng		99
10) Phenol	7.77	94	108959	49.604	ng	#	80
11) bis(2-Chloroethyl)ether	7.89	93	69835	44.940	ng		92
12) 1,3-Dichlorobenzene	8.18	146	87371	47.358	ng		98
13) 1,4-Dichlorobenzene	8.30	146	88513	47.091	ng		99
14) 1,2-Dichlorobenzene	8.54	146	84884	47.404	ng		96
15) Benzyl Alcohol	8.52	79	84344	46.758	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.75	45	86048	34.964	ng		94
17) 2-Methylphenol	8.72	107	64115	48.986	ng		99
18) Hexachloroethane	9.07	117	34527	43.181	ng		97
19) n-Nitroso-di-n-propylamine	8.95	70	59684	43.733	ng		99
20) 3+4-Methylphenols	8.96	107	86330	49.705	ng		99
22) Acetophenone	8.93	105	118260	44.011	ng	#	98
24) Nitrobenzene	9.19	77	95206	43.715	ng		99
25) Isophorone	9.59	82	157854	44.366	ng		97
26) 2-Nitrophenol	9.70	139	40620	52.305	ng		99
27) 2,4-Dimethylphenol	9.80	122	67067	58.718	ng		97
28) bis(2-Chloroethoxy)methane	9.95	93	89011	41.887	ng		98
29) 2,4-Dichlorophenol	10.10	162	72734	51.428	ng		98
30) 1,2,4-Trichlorobenzene	10.23	180	83149	47.797	ng		96
31) Naphthalene	10.35	128	228144	49.186	ng		98
32) Benzoic acid	10.03	122	36556	40.465	ng	#	89
33) 4-Chloroaniline	10.45	127	35710	18.825	ng		97
34) Hexachlorobutadiene	10.57	225	53926	44.443	ng		96
35) Caprolactam	11.04	113	21097m	50.131	ng		
36) 4-Chloro-3-methylphenol	11.28	107	77850	47.104	ng		93
37) 2-Methylnaphthalene	11.48	142	164671	51.424	ng		98
38) 1-Methylnaphthalene	11.64	142	153984	51.148	ng		98
40) 1,2,4,5-Tetrachlorobenzene	11.76	216	90775	48.316	ng	#	97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.75	237	89213	96.007	ng		99
43) 2,4,6-Trichlorophenol	11.96	196	57101	49.419	ng		97
44) 2,4,5-Trichlorophenol	12.02	196	60742	51.165	ng		97
46) 1,1'-Biphenyl	12.25	154	210912	49.602	ng		99
47) 2-Chloronaphthalene	12.27	162	163037	47.429	ng		96
48) 2-Nitroaniline	12.45	65	57293	41.623	ng		95
49) Acenaphthylene	12.95	152	252914	50.331	ng		99
50) Dimethylphthalate	12.79	163	238200	57.142	ng		100
51) 2,6-Dinitrotoluene	12.86	165	41790	49.372	ng		93
52) Acenaphthene	13.23	154	147336	48.664	ng		99
53) 3-Nitroaniline	13.13	138	21007	23.123	ng		88
54) 2,4-Dinitrophenol	13.31	184	36546	111.815	ng		95
55) Dibenzofuran	13.52	168	239408	50.469	ng		99
56) 4-Nitrophenol	13.46	139	62219	95.776	ng		98
57) 2,4-Dinitrotoluene	13.52	165	58922	50.084	ng	#	95
58) Fluorene	14.09	166	190431	50.191	ng		98
59) 2,3,4,6-Tetrachlorophenol	13.73	232	51261	50.294	ng		97
60) Diethylphthalate	13.95	149	191836	44.618	ng		98
61) 4-Chlorophenyl-phenylether	14.10	204	101125	50.703	ng		96
62) 4-Nitroaniline	12.45	138	48601	46.196	ng		94
63) Azobenzene	14.36	77	198604	43.876	ng		95
65) 4,6-Dinitro-2-methylphenol	14.20	198	28458	61.198	ng		95
66) n-Nitrosodiphenylamine	14.30	169	165308	50.220	ng		98
67) 4-Bromophenyl-phenylether	14.90	248	60041	48.910	ng		97
68) Hexachlorobenzene	14.99	284	66954	47.909	ng		97
69) Atrazine	15.20	200	58509	49.484	ng		97
70) Pentachlorophenol	15.31	266	66345	92.573	ng		95
71) Phenanthrene	15.62	178	299594	50.575	ng		100
72) Anthracene	15.70	178	296438	50.550	ng		100
73) Carbazole	15.95	167	253279	48.444	ng		99
74) Di-n-butylphthalate	16.50	149	310409	43.264	ng		99
75) Fluoranthene	17.34	202	340073	51.341	ng		98
77) Benzidine	17.53	184	141905	58.812	ng		98
78) Pyrene	17.65	202	335993	52.217	ng		99
80) Butylbenzylphthalate	18.53	149	128394	42.800	ng		89
81) Benzo(a)anthracene	19.23	228	297347	49.239	ng		99
82) 3,3'-Dichlorobenzidine	19.20	252	82291	39.243	ng		99
83) Chrysene	19.27	228	282460	48.459	ng		99
84) Bis(2-ethylhexyl)phthalate	19.28	149	184758	41.972	ng		98
85) Di-n-octyl phthalate	20.06	149	308013	42.218	ng		98
86) Indeno(1,2,3-cd)pyrene	22.68	276	296623	47.119	ng		99
88) Benzo(b)fluoranthene	20.53	252	273772	49.338	ng		98
89) Benzo(k)fluoranthene	20.57	252	265322	50.195	ng		98
90) Benzo(a)pyrene	20.94	252	246313	48.728	ng		99
91) Dibenzo(a,h)anthracene	22.71	278	251863	50.960	ng		99
92) Benzo(g,h,i)perylene	23.18	276	243734	51.609	ng		96

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

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