Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118065.D
Acq On : 3 Dec 2019 16:37
Operator : JU
Sample : K5675-11MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-112619MSD

Manual Integrations APPROVED
mohammad
12/4/2019 5:01:28 PM

Quant Time: Dec 03 17:24:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 15:16:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	137298	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	532700	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	276031	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	520307	20.00	ng	0.00
76) Chrysene-d12	14.07	240	324609	20.00	ng	0.00
87) Perylene-d12	15.57	264	310546	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1140976	147.10	ng	0.03
7) Phenol-d6	6.52	99	1395154	149.13	ng	0.00
23) Nitrobenzene-d5	7.45	82	896182	100.01	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	500725	171.35	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1788957	116.27	ng	0.00
79) Terphenyl-d14	13.02	244	2070149	116.55	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.86	88	142280	39.243	ng	# 84
3) Pyridine	3.57	79	317311	33.364	ng	100
4) n-Nitrosodimethylamine	3.49	42	185120	44.589	ng	97
6) Aniline	6.55	93	185361	14.993	ng	98
8) 2-Chlorophenol	6.67	128	450857	53.568	ng	97
9) Benzaldehyde	6.43	77	95674	11.820	ng	98
10) Phenol	6.53	94	488021	50.199	ng	97
11) bis(2-Chloroethyl)ether	6.62	93	378667	48.504	ng	95
12) 1,3-Dichlorobenzene	6.82	146	455745	45.994	ng	98
13) 1,4-Dichlorobenzene	6.90	146	462857	46.213	ng	97
14) 1,2-Dichlorobenzene	7.05	146	441076	46.047	ng	98
15) Benzyl Alcohol	7.02	79	383959	53.158	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	452560	37.651	ng	98
17) 2-Methylphenol	7.13	107	359479	50.436	ng	98
18) Hexachloroethane	7.39	117	167056	45.404	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	284072	49.218	ng	99
20) 3+4-Methylphenols	7.29	107	449643	50.821	ng	94
22) Acetophenone	7.29	105	608565	50.849	ng	# 91
24) Nitrobenzene	7.46	77	449432	48.616	ng	95
25) Isophorone	7.70	82	788230	47.992	ng	99
26) 2-Nitrophenol	7.78	139	250189	55.603	ng	97
27) 2,4-Dimethylphenol	7.82	122	388791	55.606	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	492641	47.267	ng	99
29) 2,4-Dichlorophenol	8.02	162	383501	50.566	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	412789	46.923	ng	100
31) Naphthalene	8.19	128	1366087	55.009	ng	100
32) Benzoic acid	7.94	122	248818	42.502	ng	97
33) 4-Chloroaniline	8.23	127	76838	6.911	ng	96
34) Hexachlorobutadiene	8.30	225	235636	45.814	ng	98
35) Caprolactam	8.61	113	109029m	45.234	ng	
36) 4-Chloro-3-methylphenol	8.72	107	415233	53.948	ng	100
37) 2-Methylnaphthalene	8.88	142	901464	53.724	ng	99
38) 1-Methylnaphthalene	8.98	142	838719	52.872	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	399965	49.894	ng	99

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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	9.03	237	398474	88.702	ng		100
43) 2,4,6-Trichlorophenol	9.16	196	283013	49.291	ng		100
44) 2,4,5-Trichlorophenol	9.21	196	302166	50.687	ng		97
46) 1,1'-Biphenyl	9.35	154	1089298	53.191	ng		99
47) 2-Chloronaphthalene	9.37	162	839656	49.840	ng		98
48) 2-Nitroaniline	9.47	65	235662	46.334	ng		99
49) Acenaphthylene	9.79	152	1323183	53.871	ng		99
50) Dimethylphthalate	9.65	163	977953	50.523	ng		99
51) 2,6-Dinitrotoluene	9.71	165	224520	53.073	ng		98
52) Acenaphthene	9.96	154	780814	49.624	ng		99
53) 3-Nitroaniline	9.88	138	108931	21.519	ng		90
54) 2,4-Dinitrophenol	9.99	184	193746	88.309	ng		96
55) Dibenzofuran	10.14	168	1172169	53.798	ng		100
56) 4-Nitrophenol	10.05	139	359486	95.141	ng		99
57) 2,4-Dinitrotoluene	10.12	165	301954	56.111	ng	#	87
58) Fluorene	10.48	166	920862	54.539	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	244925	50.003	ng		100
60) Diethylphthalate	10.35	149	977081	51.776	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	446013	52.052	ng		100
62) 4-Nitroaniline	10.50	138	228580	45.099	ng		98
63) Azobenzene	10.63	77	860359	50.113	ng		100
65) 4,6-Dinitro-2-methylphenol	10.53	198	143769	59.189	ng		94
66) n-Nitrosodiphenylamine	10.59	169	816176	53.900	ng		98
67) 4-Bromophenyl-phenylether	10.96	248	282620	50.342	ng		99
68) Hexachlorobenzene	11.03	284	326389	49.859	ng		98
69) Atrazine	11.12	200	240400	48.262	ng		98
70) Pentachlorophenol	11.23	266	347403	90.836	ng		99
71) Phenanthrene	11.45	178	1368578	52.317	ng		99
72) Anthracene	11.50	178	1401971	54.054	ng		99
73) Carbazole	11.66	167	1215794	53.643	ng		99
74) Di-n-butylphthalate	11.98	149	1488341	52.742	ng		99
75) Fluoranthene	12.64	202	1377583	60.405	ng		99
77) Benzidine	12.76	184	19804	1.863	ng	#	95
78) Pyrene	12.87	202	1379111	52.571	ng		99
80) Butylbenzylphthalate	13.49	149	611293	54.254	ng		99
81) Benzo(a)anthracene	14.06	228	1108237	51.665	ng		99
82) 3,3'-Dichlorobenzidine	14.02	252	208740	27.820	ng		98
83) Chrysene	14.10	228	1072091	51.578	ng		99
84) Bis(2-ethylhexyl)phthalate	14.04	149	823059	60.253	ng		99
85) Di-n-octyl phthalate	14.66	149	1235081	61.546	ng		100
86) Indeno(1,2,3-cd)pyrene	17.09	276	1123453	63.505	ng		100
88) Benzo(b)fluoranthene	15.13	252	1017525	50.432	ng		99
89) Benzo(k)fluoranthene	15.16	252	904789	47.594	ng		99
90) Benzo(a)pyrene	15.51	252	909678	51.273	ng		97
91) Dibenzo(a,h)anthracene	17.11	278	940227	61.570	ng		99
92) Benzo(g,h,i)perylene	17.55	276	951652	62.567	ng		99

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

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