Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
Data File : BF116927.D
Acq On : 10 Sep 2019 18:00
Operator : HP/JU
Sample : K4656-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MS

Manual Integrations APPROVED
mohammad
9/16/2019 8:56:58 AM

Quant Time: Sep 11 01:08:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 17:49:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	81217	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	313160	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	162705	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	269856	20.00	ng		0.00
76) Chrysene-d12	13.99	240	171352	20.00	ng		0.00
87) Perylene-d12	15.43	264	153650	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	574616	114.62	ng		0.02
7) Phenol-d6	6.47	99	721547	109.61	ng		0.00
23) Nitrobenzene-d5	7.40	82	535560	97.63	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	189664	174.37	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	923289	95.72	ng		0.00
79) Terphenyl-d14	12.93	244	937456	101.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	78404	33.879	ng	#	83
3) Pyridine	3.45	79	121151	18.081	ng		93
4) n-Nitrosodimethylamine	3.35	42	86667	37.666	ng		90
6) Aniline	6.50	93	79027	8.668	ng	#	66
8) 2-Chlorophenol	6.63	128	246640	45.068	ng		98
9) Benzaldehyde	6.38	77	19732	4.550	ng		95
10) Phenol	6.49	94	277210	38.029	ng		98
11) bis(2-Chloroethyl)ether	6.57	93	241208	42.497	ng		98
12) 1,3-Dichlorobenzene	6.78	146	243580	39.381	ng		97
13) 1,4-Dichlorobenzene	6.85	146	255667	41.519	ng		99
14) 1,2-Dichlorobenzene	7.01	146	236438	41.432	ng		98
15) Benzyl Alcohol	6.98	79	235633	44.097	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	229425	34.452	ng		86
17) 2-Methylphenol	7.09	107	204326	42.650	ng		97
18) Hexachloroethane	7.35	117	96695	40.417	ng		94
19) n-Nitroso-di-n-propylamine	7.25	70	182147	42.024	ng		91
20) 3+4-Methylphenols	7.25	107	252833	45.390	ng	#	71
22) Acetophenone	7.25	105	373228	49.504	ng	#	95
24) Nitrobenzene	7.42	77	294308	52.752	ng		97
25) Isophorone	7.66	82	512778	46.131	ng		99
26) 2-Nitrophenol	7.73	139	131208	63.257	ng		93
27) 2,4-Dimethylphenol	7.77	122	219093	52.301	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	307025	45.199	ng		99
29) 2,4-Dichlorophenol	7.97	162	209234	51.973	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	201545	46.157	ng		97
31) Naphthalene	8.14	128	724252	48.637	ng		100
32) Benzoic acid	7.87	122	60369	25.523	ng		99
33) 4-Chloroaniline	8.19	127	46992	6.933	ng		95
34) Hexachlorobutadiene	8.26	225	110245	46.305	ng		97
35) Caprolactam	8.56	113	51073m	33.899	ng		
36) 4-Chloro-3-methylphenol	8.67	107	249347	53.889	ng		99
37) 2-Methylnaphthalene	8.83	142	493380	49.797	ng		98
38) 1-Methylnaphthalene	8.93	142	459593	49.139	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	189847	48.674	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	193755	86.025	ng		98
43) 2,4,6-Trichlorophenol	9.11	196	138689	51.872	ng		98
44) 2,4,5-Trichlorophenol	9.16	196	153147	55.173	ng		97
46) 1,1'-Biphenyl	9.29	154	583650	47.274	ng		99
47) 2-Chloronaphthalene	9.32	162	461892	47.234	ng		98
48) 2-Nitroaniline	9.41	65	148837	52.648	ng		97
49) Acenaphthylene	9.73	152	733687	49.635	ng		99
50) Dimethylphthalate	9.59	163	594427	52.917	ng		98
51) 2,6-Dinitrotoluene	9.65	165	123778	57.754	ng		97
52) Acenaphthene	9.90	154	428678	47.199	ng		99
53) 3-Nitroaniline	9.82	138	65660	24.447	ng		97
54) 2,4-Dinitrophenol	9.93	184	76326	98.066	ng		94
55) Dibenzofuran	10.07	168	648746	50.669	ng		97
56) 4-Nitrophenol	9.99	139	185483	100.717	ng		96
57) 2,4-Dinitrotoluene	10.06	165	168742	64.390	ng		97
58) Fluorene	10.42	166	521794	53.485	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	117204	58.506	ng		94
60) Diethylphthalate	10.29	149	564284	50.149	ng		99
61) 4-Chlorophenyl-phenylether	10.41	204	221857	51.932	ng		97
62) 4-Nitroaniline	10.43	138	131816	50.571	ng		96
63) Azobenzene	10.57	77	575024	49.010	ng		94
65) 4,6-Dinitro-2-methylphenol	10.47	198	58788	57.420	ng		89
66) n-Nitrosodiphenylamine	10.53	169	462536	49.547	ng		97
67) 4-Bromophenyl-phenylether	10.90	248	132838	48.457	ng		95
68) Hexachlorobenzene	10.97	284	137948	48.096	ng		97
69) Atrazine	11.05	200	98759	37.773	ng		97
70) Pentachlorophenol	11.16	266	158985	114.586	ng		100
71) Phenanthrene	11.38	178	748570	49.832	ng		99
72) Anthracene	11.43	178	766667	50.700	ng		100
73) Carbazole	11.58	167	722660	50.170	ng		99
74) Di-n-butylphthalate	11.91	149	878310	47.564	ng		99
75) Fluoranthene	12.56	202	743789	50.383	ng		98
77) Benzidine	12.69	184	2963	0.441	ng	#	1
78) Pyrene	12.79	202	751354	49.327	ng		99
80) Butylbenzylphthalate	13.40	149	373660	50.445	ng		98
81) Benzo(a)anthracene	13.97	228	560079	51.645	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	59287	16.177	ng		97
83) Chrysene	14.02	228	550693	49.289	ng		98
84) Bis(2-ethylhexyl)phthalate	13.96	149	504641	55.190	ng		99
85) Di-n-octyl phthalate	14.57	149	797685	53.309	ng	#	95
86) Indeno(1,2,3-cd)pyrene	16.89	276	477295	53.185	ng		98
88) Benzo(b)fluoranthene	15.02	252	489701	52.716	ng		98
89) Benzo(k)fluoranthene	15.04	252	409213	48.314	ng		99
90) Benzo(a)pyrene	15.38	252	422235	52.244	ng		98
91) Dibenzo(a,h)anthracene	16.90	278	399598	56.487	ng		99
92) Benzo(g,h,i)perylene	17.32	276	406002	56.274	ng		96

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

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