Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114568.D
Acq On : 24 May 2019 14:23
Operator : JU/SJ
Sample : K2838-03MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FEBH-05(33-33.5)MS

Manual Integrations APPROVED
mohammad
5/27/2019 3:47:59 AM

Quant Time: May 24 22:46:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	145351	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	561361	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	269716	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	542179	20.00	ng		0.00
76) Chrysene-d12	13.99	240	329716	20.00	ng		0.00
87) Perylene-d12	15.46	264	340784	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1105866	122.44	ng		0.00
7) Phenol-d6	6.47	99	1428596	133.73	ng		0.00
23) Nitrobenzene-d5	7.38	82	871690	87.14	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	344978	123.72	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1379261	77.35	ng		0.00
79) Terphenyl-d14	12.92	244	1309400	81.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	149462	30.106	ng		98
3) Pyridine	3.36	79	288718	21.107	ng		99
4) n-Nitrosodimethylamine	3.29	42	221551	33.588	ng		95
6) Aniline	6.48	93	209787	13.595	ng	#	1
8) 2-Chlorophenol	6.61	128	432361	44.840	ng		92
9) Benzaldehyde	6.37	77	310796	41.558	ng		97
10) Phenol	6.48	94	517597	41.188	ng		97
11) bis(2-Chloroethyl)ether	6.55	93	413087	43.298	ng		97
12) 1,3-Dichlorobenzene	6.76	146	432198	39.931	ng		99
13) 1,4-Dichlorobenzene	6.83	146	444567	40.761	ng		95
14) 1,2-Dichlorobenzene	6.99	146	411646	41.312	ng		99
15) Benzyl Alcohol	6.96	79	358470	43.024	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	743021	40.167	ng		61
17) 2-Methylphenol	7.08	107	330108	41.676	ng	#	92
18) Hexachloroethane	7.32	117	161115	39.354	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	296716	43.821	ng		100
20) 3+4-Methylphenols	7.24	107	442428	48.345	ng	#	59
22) Acetophenone	7.22	105	579242	46.578	ng	#	88
24) Nitrobenzene	7.40	77	447532	43.928	ng		95
25) Isophorone	7.63	82	822311	44.326	ng		98
26) 2-Nitrophenol	7.72	139	233285	47.197	ng		100
27) 2,4-Dimethylphenol	7.76	122	347354	44.744	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	519973	43.199	ng		99
29) 2,4-Dichlorophenol	7.96	162	357503	46.247	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	371737	42.290	ng		99
31) Naphthalene	8.12	128	1194120	45.539	ng		98
32) Benzoic acid	7.87	122	11986m	8.869	ng		
33) 4-Chloroaniline	8.17	127	112932	9.451	ng		97
34) Hexachlorobutadiene	8.23	225	207597	41.507	ng		99
35) Caprolactam	8.54	113	91860m	36.443	ng		
36) 4-Chloro-3-methylphenol	8.67	107	375342	48.237	ng		98
37) 2-Methylnaphthalene	8.81	142	805736	47.625	ng		99
38) 1-Methylnaphthalene	8.91	142	751147	47.146	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	367531	44.984	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	104088	30.192	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	238974	42.524	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	245101	42.528	ng		98
46) 1,1'-Biphenyl	9.27	154	983493	45.136	ng		97
47) 2-Chloronaphthalene	9.30	162	751545	42.857	ng		98
48) 2-Nitroaniline	9.40	65	259908	41.792	ng		92
49) Acenaphthylene	9.72	152	1188173	44.549	ng		99
50) Dimethylphthalate	9.57	163	1075374	54.313	ng		100
51) 2,6-Dinitrotoluene	9.65	165	196742	44.800	ng	#	84
52) Acenaphthene	9.89	154	702438	42.919	ng		97
53) 3-Nitroaniline	9.81	138	99924	18.330	ng		96
54) 2,4-Dinitrophenol	9.94	184	54774	29.458	ng		94
55) Dibenzofuran	10.06	168	1016949	42.375	ng		99
56) 4-Nitrophenol	10.00	139	214095	55.534	ng		98
57) 2,4-Dinitrotoluene	10.06	165	245646	41.211	ng	#	82
58) Fluorene	10.40	166	831152	44.837	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	210251	42.280	ng		97
60) Diethylphthalate	10.27	149	898573	44.666	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	404327	44.409	ng		98
62) 4-Nitroaniline	10.43	138	198837	34.710	ng		98
63) Azobenzene	10.55	77	838500	43.060	ng		97
65) 4,6-Dinitro-2-methylphenol	10.47	198	90223	34.631	ng		79
66) n-Nitrosodiphenylamine	10.51	169	750392	45.602	ng		97
67) 4-Bromophenyl-phenylether	10.88	248	252897	42.364	ng		95
68) Hexachlorobenzene	10.96	284	274757	41.605	ng		96
69) Atrazine	11.04	200	230824	45.076	ng		98
70) Pentachlorophenol	11.16	266	171335	54.730	ng		98
71) Phenanthrene	11.36	178	1179937	44.732	ng		98
72) Anthracene	11.42	178	1227148	46.318	ng		98
73) Carbazole	11.57	167	1148908	45.475	ng		98
74) Di-n-butylphthalate	11.89	149	1392121	47.828	ng		100
75) Fluoranthene	12.56	202	1243213	43.767	ng		98
77) Benzidine	12.67	184	122042	8.246	ng		95
78) Pyrene	12.78	202	1239531	46.732	ng		99
80) Butylbenzylphthalate	13.39	149	556214	49.821	ng		99
81) Benzo(a)anthracene	13.97	228	931693	43.688	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	165400	19.993	ng		98
83) Chrysene	14.01	228	925924	44.291	ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	764742	52.375	ng		99
85) Di-n-octyl phthalate	14.56	149	1193886	50.439	ng		98
86) Indeno(1,2,3-cd)pyrene	16.94	276	1055819	57.146	ng		100
88) Benzo(b)fluoranthene	15.03	252	890156	40.772	ng		99
89) Benzo(k)fluoranthene	15.06	252	850288	42.397	ng		97
90) Benzo(a)pyrene	15.40	252	865118	45.024	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	882370	55.264	ng		99
92) Benzo(g,h,i)perylene	17.39	276	938718	58.667	ng		99

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

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