Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
Data File : BF116230.D
Acq On : 13 Aug 2019 14:33
Operator : HP/JU
Sample : K4200-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-14MS

Quant Time: Aug 14 11:28:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	143686	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	589634	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	337582	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	653541	20.00	ng		0.00
76) Chrysene-d12	14.01	240	503859	20.00	ng		0.00
87) Perylene-d12	15.47	264	513283	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	810182	94.39	ng		0.00
7) Phenol-d6	6.48	99	1053518	97.29	ng		0.00
23) Nitrobenzene-d5	7.40	82	692029	67.75	ng		-0.02
42) 2,4,6-Tribromophenol	10.67	330	346816	105.96	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1215588	67.45	ng		-0.01
79) Terphenyl-d14	12.95	244	1630819	68.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	111901	25.807	ng		99
3) Pyridine	3.40	79	288375	23.808	ng		99
4) n-Nitrosodimethylamine	3.33	42	136360	28.527	ng		99
6) Aniline	6.50	93	375529	24.214	ng	#	84
8) 2-Chlorophenol	6.62	128	333460	35.134	ng		96
9) Benzaldehyde	6.39	77	169780	22.722	ng		99
10) Phenol	6.49	94	431059	33.802	ng		95
11) bis(2-Chloroethyl)ether	6.57	93	318199	33.939	ng		99
12) 1,3-Dichlorobenzene	6.77	146	341830	31.164	ng		98
13) 1,4-Dichlorobenzene	6.85	146	352078	32.057	ng		97
14) 1,2-Dichlorobenzene	7.00	146	330245	32.656	ng		99
15) Benzyl Alcohol	6.98	79	281536	34.258	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	417452	32.643	ng		74
17) 2-Methylphenol	7.09	107	282613	35.166	ng		99
18) Hexachloroethane	7.34	117	128388	31.751	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	234213	34.902	ng		98
20) 3+4-Methylphenols	7.25	107	359401	37.791	ng		93
22) Acetophenone	7.25	105	459883	35.563	ng		97
24) Nitrobenzene	7.42	77	374843	33.985	ng		99
25) Isophorone	7.66	82	697541	35.712	ng		99
26) 2-Nitrophenol	7.73	139	191275	36.789	ng		99
27) 2,4-Dimethylphenol	7.77	122	301802	38.583	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	427715	35.329	ng		100
29) 2,4-Dichlorophenol	7.98	162	311236	37.684	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	310572	32.988	ng		99
31) Naphthalene	8.13	128	974156	35.109	ng		99
32) Benzoic acid	7.92	122	15188m	2.754	ng		
33) 4-Chloroaniline	8.19	127	213011	17.182	ng		98
34) Hexachlorobutadiene	8.25	225	170886	31.513	ng		99
35) Caprolactam	8.57	113	99989m	37.432	ng		
36) 4-Chloro-3-methylphenol	8.69	107	339293	39.489	ng		96
37) 2-Methylnaphthalene	8.83	142	669473	36.636	ng		100
38) 1-Methylnaphthalene	8.93	142	627934	36.323	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	307242	34.044	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	125616	34.631	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	210140	33.828	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	227210	35.384	ng		100
46) 1,1'-Biphenyl	9.29	154	832331	34.923	ng		99
47) 2-Chloronaphthalene	9.32	162	658504	33.197	ng		98
48) 2-Nitroaniline	9.42	65	231178	35.259	ng		95
49) Acenaphthylene	9.73	152	1024495	35.402	ng		99
50) Dimethylphthalate	9.59	163	1121514	48.792	ng		100
51) 2,6-Dinitrotoluene	9.66	165	189385	37.914	ng		91
52) Acenaphthene	9.90	154	611887	34.465	ng		99
53) 3-Nitroaniline	9.83	138	168179	27.248	ng		99
54) 2,4-Dinitrophenol	9.96	184	43070	23.110	ng		99
55) Dibenzofuran	10.08	168	878397	34.022	ng		99
56) 4-Nitrophenol	10.02	139	273310	69.124	ng		96
57) 2,4-Dinitrotoluene	10.07	165	240798	36.207	ng	#	91
58) Fluorene	10.42	166	751293	37.821	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	209586	38.795	ng		98
60) Diethylphthalate	10.29	149	847432	39.489	ng		99
61) 4-Chlorophenyl-phenylether	10.41	204	371389	36.916	ng		100
62) 4-Nitroaniline	10.46	138	217044	34.027	ng		99
63) Azobenzene	10.57	77	835996	37.874	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	111167	32.098	ng		97
66) n-Nitrosodiphenylamine	10.53	169	693746	35.268	ng		100
67) 4-Bromophenyl-phenylether	10.90	248	236710	33.834	ng		97
68) Hexachlorobenzene	10.98	284	264295	32.670	ng		93
69) Atrazine	11.06	200	241350	37.295	ng		99
70) Pentachlorophenol	11.17	266	244893	62.351	ng		98
71) Phenanthrene	11.39	178	1167350	34.940	ng		100
72) Anthracene	11.44	178	1217787	36.016	ng		99
73) Carbazole	11.59	167	1161515	37.863	ng		100
74) Di-n-butylphthalate	11.92	149	1411304	39.438	ng		99
75) Fluoranthene	12.57	202	1308068	37.398	ng		96
77) Benzidine	12.69	184	601175	35.317	ng		98
78) Pyrene	12.80	202	1334353	35.132	ng		99
80) Butylbenzylphthalate	13.41	149	629358	39.172	ng		97
81) Benzo(a)anthracene	14.00	228	1153681	35.823	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	291541	26.057	ng		100
83) Chrysene	14.03	228	1105093	35.345	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	903975	43.298	ng		98
85) Di-n-octyl phthalate	14.57	149	1466158	44.212	ng		99
86) Indeno(1,2,3-cd)pyrene	16.96	276	959017	36.520	ng		99
88) Benzo(b)fluoranthene	15.04	252	1093567	36.847	ng		99
89) Benzo(k)fluoranthene	15.07	252	933467	32.292	ng		98
90) Benzo(a)pyrene	15.42	252	960055	36.187	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	821126	35.756	ng		99
92) Benzo(g,h,i)perylene	17.40	276	784692	34.792	ng		98

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

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