Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
Data File : BF112410.D
Acq On : 5 Feb 2019 21:49
Operator : JU/SJ
Sample : K1341-02MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-AMS

Manual Integrations APPROVED
mohammad
2/6/2019 9:16:18 AM

Quant Time: Feb 06 04:14:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	160691	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	608152	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	274498	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	453249	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	315008	20.00	ng		0.00
87) Perylene-d12	15.47	264	256611	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1076301	142.27	ng		0.00
7) Phenol-d6	6.49	99	1279703	121.73	ng		0.00
23) Nitrobenzene-d5	7.40	82	916100	86.80	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	391287	122.47	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	1773364	91.37	ng		-0.01
79) Terphenyl-d14	12.94	244	1511132	90.35	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	140738	46.700	ng	#	83
3) Pyridine	3.50	79	272085	35.492	ng		98
4) n-Nitrosodimethylamine	3.42	42	194243	60.309	ng		93
6) Aniline	6.50	93	143497	11.475	ng	#	1
8) 2-Chlorophenol	6.63	128	452198	44.432	ng		95
9) Benzaldehyde	6.39	77	170706	31.068	ng		95
10) Phenol	6.50	94	455459	39.491	ng		81
11) bis(2-Chloroethyl)ether	6.57	93	404503	44.549	ng		98
12) 1,3-Dichlorobenzene	6.77	146	493714	41.655	ng		99
13) 1,4-Dichlorobenzene	6.85	146	507281	41.587	ng		98
14) 1,2-Dichlorobenzene	7.00	146	474597	41.556	ng		96
15) Benzyl Alcohol	6.98	79	362323	40.887	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	492263	42.224	ng	#	22
17) 2-Methylphenol	7.10	107	344474	42.698	ng	#	88
18) Hexachloroethane	7.35	117	159511	37.239	ng		91
19) n-Nitroso-di-n-propylamine	7.25	70	309076	42.639	ng		96
20) 3+4-Methylphenols	7.26	107	455055	44.109	ng	#	64
22) Acetophenone	7.25	105	631404	42.638	ng		94
24) Nitrobenzene	7.42	77	463351	43.957	ng		99
25) Isophorone	7.66	82	808931	48.855	ng		99
26) 2-Nitrophenol	7.73	139	233328	41.420	ng		95
27) 2,4-Dimethylphenol	7.78	122	390195	50.275	ng		97
28) bis(2-Chloroethoxy)methane	7.86	93	512229	45.433	ng		100
29) 2,4-Dichlorophenol	7.99	162	384244	44.240	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	429432	43.014	ng		100
31) Naphthalene	8.14	128	1314021	46.204	ng		99
32) Benzoic acid	7.93	122	199900	45.153	ng		97
33) 4-Chloroaniline	8.19	127	70594	5.701	ng		96
34) Hexachlorobutadiene	8.25	225	235959	40.276	ng		99
35) Caprolactam	8.56	113	97872m	31.943	ng		
36) 4-Chloro-3-methylphenol	8.69	107	384952	41.867	ng		98
37) 2-Methylnaphthalene	8.83	142	909335	46.706	ng		98
38) 1-Methylnaphthalene	8.93	142	850691	45.586	ng		96
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	411206	45.625	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	63431	25.868	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	262920	47.326	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	275271	47.409	ng		99
46) 1,1'-Biphenyl	9.29	154	1091639	45.489	ng		99
47) 2-Chloronaphthalene	9.32	162	824706	44.317	ng		97
48) 2-Nitroaniline	9.42	65	232324	45.804	ng		99
49) Acenaphthylene	9.73	152	1277360	46.831	ng		99
50) Dimethylphthalate	9.59	163	989579	46.400	ng		99
51) 2,6-Dinitrotoluene	9.66	165	208872	43.730	ng	#	81
52) Acenaphthene	9.90	154	732964	44.984	ng		99
53) 3-Nitroaniline	9.83	138	102405	19.790	ng		93
54) 2,4-Dinitrophenol	9.95	184	49993	32.613	ng		99
55) Dibenzofuran	10.08	168	1080897	43.410	ng		97
56) 4-Nitrophenol	10.02	139	218105	79.722	ng		91
57) 2,4-Dinitrotoluene	10.07	165	257122	42.284	ng	#	83
58) Fluorene	10.42	166	858513	46.075	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	210528	47.980	ng		96
60) Diethylphthalate	10.29	149	965068	45.598	ng		99
61) 4-Chlorophenyl-phenylether	10.41	204	423594	41.792	ng		94
62) 4-Nitroaniline	10.45	138	189160	37.268	ng		95
63) Azobenzene	10.57	77	787256	42.294	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	43547	17.136	ng		97
66) n-Nitrosodiphenylamine	10.53	169	756530	49.525	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	253343	47.524	ng		98
68) Hexachlorobenzene	10.97	284	263409	46.056	ng		97
69) Atrazine	11.06	200	207530	42.104	ng		98
70) Pentachlorophenol	11.17	266	212568	95.517	ng		99
71) Phenanthrene	11.39	178	1117119	47.408	ng		98
72) Anthracene	11.43	178	1160225	49.429	ng		99
73) Carbazole	11.59	167	1003705	43.350	ng		99
74) Di-n-butylphthalate	11.91	149	1363848	47.456	ng		99
75) Fluoranthene	12.57	202	1063669	42.086	ng		98
77) Benzidine	12.69	184	326571	37.666	ng	#	95
78) Pyrene	12.80	202	1065837	48.871	ng		98
80) Butylbenzylphthalate	13.41	149	502629	47.635	ng		98
81) Benzo(a)anthracene	13.99	228	884099	47.743	ng		98
82) 3,3'-Dichlorobenzidine	13.95	252	253113	36.523	ng		98
83) Chrysene	14.03	228	838971	47.463	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	694827	46.390	ng		98
85) Di-n-octyl phthalate	14.57	149	1075378	46.666	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	681963	48.690	ng		98
88) Benzo(b)fluoranthene	15.04	252	755273	49.214	ng		99
89) Benzo(k)fluoranthene	15.07	252	715413m	48.668	ng		
90) Benzo(a)pyrene	15.41	252	686348	49.704	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	575521	51.713	ng		100
92) Benzo(g,h,i)perylene	17.40	276	546535	52.052	ng		98

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

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