Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114174.D
Acq On : 12 May 2019 00:53
Operator : JU/SJ
Sample : K2765-20MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Manual Integrations APPROVED
Sohil
5/13/2019 8:36:04 PM

Quant Time: May 13 08:54:31 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 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	257191	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	896041	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	398220	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	727333	20.00	ng		0.00
76) Chrysene-d12	14.03	240	456674	20.00	ng		0.00
87) Perylene-d12	15.50	264	641413	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1606228	100.50	ng		0.00
7) Phenol-d6	6.49	99	2181260	115.40	ng		0.00
23) Nitrobenzene-d5	7.42	82	1402946	87.87	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	397297	96.50	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1750529	66.50	ng		0.00
79) Terphenyl-d14	12.96	244	1367386	61.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	263626	30.010	ng		99
3) Pyridine	3.39	79	471017	19.461	ng		96
4) n-Nitrosodimethylamine	3.32	42	386649	33.128	ng		95
6) Aniline	6.52	93	283105	10.368	ng	#	92
8) 2-Chlorophenol	6.64	128	724320	42.453	ng		98
9) Benzaldehyde	6.40	77	355232	26.844	ng		99
10) Phenol	6.50	94	890465	40.046	ng		89
11) bis(2-Chloroethyl)ether	6.59	93	728983	43.183	ng		97
12) 1,3-Dichlorobenzene	6.79	146	741468	38.715	ng		97
13) 1,4-Dichlorobenzene	6.87	146	755309	39.138	ng		98
14) 1,2-Dichlorobenzene	7.02	146	703859	39.920	ng		99
15) Benzyl Alcohol	6.99	79	633751	42.988	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1298058	39.657	ng		98
17) 2-Methylphenol	7.11	107	556140	39.681	ng		99
18) Hexachloroethane	7.36	117	269988	37.270	ng		95
19) n-Nitroso-di-n-propylamine	7.26	70	490845	40.968	ng		99
20) 3+4-Methylphenols	7.26	107	662370	40.905	ng		90
22) Acetophenone	7.26	105	945996	47.657	ng		96
24) Nitrobenzene	7.43	77	773213	47.547	ng		95
25) Isophorone	7.67	82	1378316	46.547	ng		99
26) 2-Nitrophenol	7.75	139	358969	45.498	ng		95
27) 2,4-Dimethylphenol	7.79	122	527844	42.597	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	788028	41.015	ng		99
29) 2,4-Dichlorophenol	7.99	162	518931	42.056	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	566729	40.391	ng		99
31) Naphthalene	8.16	128	2444949	58.414	ng		100
32) Benzoic acid	7.90	122	235233	29.750	ng		98
33) 4-Chloroaniline	8.20	127	174135	9.130	ng		97
34) Hexachlorobutadiene	8.27	225	297640	37.282	ng		99
35) Caprolactam	8.58	113	131793m	32.757	ng		
36) 4-Chloro-3-methylphenol	8.69	107	544767	43.861	ng		99
37) 2-Methylnaphthalene	8.85	142	1441632	53.384	ng		98
38) 1-Methylnaphthalene	8.95	142	1274921	50.132	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	522226	43.292	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	194010	36.980	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	371542	44.779	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	384831	45.225	ng		98
46) 1,1'-Biphenyl	9.31	154	1534402	47.696	ng		98
47) 2-Chloronaphthalene	9.33	162	1100868	42.520	ng		98
48) 2-Nitroaniline	9.43	65	368595	40.143	ng		97
49) Acenaphthylene	9.75	152	2719876	69.071	ng		99
50) Dimethylphthalate	9.61	163	1537566	52.597	ng		100
51) 2,6-Dinitrotoluene	9.67	165	293034	45.194	ng		94
52) Acenaphthene	9.92	154	991825	41.045	ng		100
53) 3-Nitroaniline	9.83	138	140466	17.452	ng		99
54) 2,4-Dinitrophenol	9.95	184	197223	62.137	ng		94
55) Dibenzofuran	10.09	168	1494763	42.185	ng		97
56) 4-Nitrophenol	10.01	139	433610	76.179	ng		87
57) 2,4-Dinitrotoluene	10.07	165	363721	41.329	ng		97
58) Fluorene	10.43	166	1267201	46.301	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	314313m	42.810	ng		
60) Diethylphthalate	10.30	149	1235488	41.595	ng		100
61) 4-Chlorophenyl-phenylether	10.42	204	562533	41.848	ng		97
62) 4-Nitroaniline	10.45	138	194240	22.966	ng		96
63) Azobenzene	10.59	77	1203591	41.863	ng		94
65) 4,6-Dinitro-2-methylphenol	10.49	198	137640	39.383	ng		84
66) n-Nitrosodiphenylamine	10.54	169	1067051	48.338	ng		98
67) 4-Bromophenyl-phenylether	10.92	248	361579	45.151	ng		94
68) Hexachlorobenzene	10.99	284	374938	42.321	ng		97
69) Atrazine	11.07	200	309312	45.027	ng		99
70) Pentachlorophenol	11.19	266	358672	85.405	ng		99
71) Phenanthrene	11.40	178	4639863	131.123	ng		96
72) Anthracene	11.45	178	2143144	60.299	ng		99
73) Carbazole	11.60	167	1398961	41.277	ng		98
74) Di-n-butylphthalate	11.93	149	1784305	45.697	ng		99
75) Fluoranthene	12.60	202	5578195	146.387	ng		93
77) Benzidine	12.69	184	7479	0.365	ng	#	1
78) Pyrene	12.85	202	8564940m	233.141	ng		
80) Butylbenzylphthalate	13.43	149	766857	49.593	ng		95
81) Benzo(a)anthracene	14.02	228	5000937	169.308	ng	#	83
82) 3,3'-Dichlorobenzidine	13.97	252	22827	1.992	ng	#	80
83) Chrysene	14.06	228	4716270	162.883	ng		96
84) Bis(2-ethylhexyl)phthalate	13.99	149	1050266	51.933	ng		99
85) Di-n-octyl phthalate	14.61	149	1766915	53.896	ng		100
86) Indeno(1,2,3-cd)pyrene	17.00	276	3451623	134.882	ng		99
88) Benzo(b)fluoranthene	15.09	252	5666095	137.886	ng	#	95
89) Benzo(k)fluoranthene	15.11	252	2763597m	73.212	ng		
90) Benzo(a)pyrene	15.45	252	4629131	128.001	ng		98
91) Dibenzo(a,h)anthracene	17.00	278	1696255	56.445	ng		99
92) Benzo(g,h,i)perylene	17.44	276	3491810	115.946	ng		99

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

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