Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114177.D
Acq On : 12 May 2019 2:12
Operator : JU/SJ
Sample : K2765-19MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
5/13/2019 8:36:08 PM

Quant Time: May 13 08:57:21 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	261287	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1111337	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	525880	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	973971	20.00	ng		0.00
76) Chrysene-d12	14.03	240	519703	20.00	ng		0.01
87) Perylene-d12	15.51	264	733898	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1745173	107.48	ng		0.00
7) Phenol-d6	6.50	99	2288483	119.17	ng		0.00
23) Nitrobenzene-d5	7.42	82	1660164	83.83	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	537394	98.85	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	2266540	65.20	ng		0.00
79) Terphenyl-d14	12.96	244	1952760	77.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	323111	36.205	ng		97
3) Pyridine	3.39	79	619187	25.182	ng		95
4) n-Nitrosodimethylamine	3.32	42	470224	39.657	ng		95
6) Aniline	6.52	93	176989	6.380	ng	#	1
8) 2-Chlorophenol	6.65	128	725559	41.859	ng		93
9) Benzaldehyde	6.40	77	338037	25.145	ng		99
10) Phenol	6.51	94	867118	38.385	ng		88
11) bis(2-Chloroethyl)ether	6.59	93	727235	42.404	ng		100
12) 1,3-Dichlorobenzene	6.80	146	736794	37.868	ng		98
13) 1,4-Dichlorobenzene	6.87	146	750811	38.295	ng		97
14) 1,2-Dichlorobenzene	7.03	146	718558	40.115	ng		99
15) Benzyl Alcohol	7.00	79	650814	43.453	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1385420	41.663	ng		96
17) 2-Methylphenol	7.11	107	580885	40.797	ng		99
18) Hexachloroethane	7.36	117	307336	41.761	ng		95
19) n-Nitroso-di-n-propylamine	7.27	70	549637	45.156	ng		99
20) 3+4-Methylphenols	7.26	107	722457	43.916	ng		97
22) Acetophenone	7.26	105	1044053	42.407	ng	#	95
24) Nitrobenzene	7.43	77	882864	43.773	ng		97
25) Isophorone	7.67	82	1593270	43.382	ng		100
26) 2-Nitrophenol	7.75	139	455882	46.588	ng		98
27) 2,4-Dimethylphenol	7.79	122	628619	40.902	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	1024177	42.979	ng		99
29) 2,4-Dichlorophenol	8.00	162	668353	43.673	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	693112	39.829	ng		99
31) Naphthalene	8.16	128	2938406	56.603	ng		99
32) Benzoic acid	7.91	122	353402	34.553	ng		96
33) 4-Chloroaniline	8.20	127	123024	5.201	ng		99
34) Hexachlorobutadiene	8.27	225	372901	37.660	ng		98
35) Caprolactam	8.57	113	199859	40.051	ng		92
36) 4-Chloro-3-methylphenol	8.69	107	707688	45.940	ng		99
37) 2-Methylnaphthalene	8.85	142	1788139	53.388	ng		98
38) 1-Methylnaphthalene	8.95	142	1591732	50.465	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	659755	41.416	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	257211	37.108	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	469716	42.868	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	502078	44.681	ng		95
46) 1,1'-Biphenyl	9.31	154	1837753	43.258	ng		99
47) 2-Chloronaphthalene	9.33	162	1349780	39.478	ng		99
48) 2-Nitroaniline	9.43	65	490928	40.487	ng		97
49) Acenaphthylene	9.75	152	3411275	65.599	ng		98
50) Dimethylphthalate	9.61	163	2020062	52.327	ng		99
51) 2,6-Dinitrotoluene	9.67	165	374871	43.781	ng		87
52) Acenaphthene	9.92	154	1253212	39.273	ng		100
53) 3-Nitroaniline	9.83	138	147183	13.847	ng		98
54) 2,4-Dinitrophenol	9.95	184	277557	65.775	ng		99
55) Dibenzofuran	10.09	168	1890492	40.402	ng		98
56) 4-Nitrophenol	10.01	139	589242	78.391	ng		96
57) 2,4-Dinitrotoluene	10.08	165	487861	41.978	ng		97
58) Fluorene	10.44	166	1733524	47.963	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	409768	42.263	ng	#	100
60) Diethylphthalate	10.31	149	1602943	40.866	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	695140	39.159	ng		99
62) 4-Nitroaniline	10.45	138	261616	23.423	ng		93
63) Azobenzene	10.59	77	1505264	39.646	ng		96
65) 4,6-Dinitro-2-methylphenol	10.49	198	192606	41.155	ng		86
66) n-Nitrosodiphenylamine	10.55	169	1319755	44.646	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	453941	42.330	ng		98
68) Hexachlorobenzene	10.99	284	467025	39.367	ng		95
69) Atrazine	11.08	200	412601	44.853	ng		99
70) Pentachlorophenol	11.19	266	477482	84.904	ng		99
71) Phenanthrene	11.41	178	6151395	129.818	ng		94
72) Anthracene	11.46	178	2798096	58.791	ng		98
73) Carbazole	11.60	167	1866017	41.115	ng		100
74) Di-n-butylphthalate	11.93	149	2333008	44.619	ng		98
75) Fluoranthene	12.61	202	7192925	140.962	ng		91
77) Benzidine	12.70	184	11774	0.505	ng	#	1
78) Pyrene	12.85	202	10759766m	257.364	ng		
80) Butylbenzylphthalate	13.43	149	929801	52.838	ng		99
81) Benzo(a)anthracene	14.02	228	5914051	175.939	ng	#	83
82) 3,3'-Dichlorobenzidine	13.98	252	20717	1.589	ng	#	77
83) Chrysene	14.07	228	5468202	165.948	ng		93
84) Bis(2-ethylhexyl)phthalate	13.99	149	1305876	56.741	ng		100
85) Di-n-octyl phthalate	14.61	149	2107278	56.483	ng		100
86) Indeno(1,2,3-cd)pyrene	17.02	276	3859349	132.524	ng		98
88) Benzo(b)fluoranthene	15.10	252	6854582m	145.787	ng		
89) Benzo(k)fluoranthene	15.12	252	2548434m	59.005	ng		
90) Benzo(a)pyrene	15.46	252	5128818	123.946	ng		97
91) Dibenzo(a,h)anthracene	17.01	278	1847013	53.717	ng		99
92) Benzo(g,h,i)perylene	17.46	276	3937882	114.279	ng		98

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

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