Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114461.D
Acq On : 21 May 2019 17:37
Operator : JU/SJ
Sample : K2641-12MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-03-051719MS

Manual Integrations APPROVED
Sohil
5/23/2019 8:15:46 AM

Quant Time: May 22 06:38:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	201759	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	797719	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	395556	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	760745	20.00	ng		0.00
76) Chrysene-d12	14.00	240	416205	20.00	ng		0.00
87) Perylene-d12	15.47	264	438399	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1408166	112.32	ng		0.01
7) Phenol-d6	6.49	99	1759394	118.65	ng		0.00
23) Nitrobenzene-d5	7.40	82	1233792	86.80	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	508723	124.40	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	2146244	82.08	ng		0.00
79) Terphenyl-d14	12.94	244	2032650	100.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	211383	30.674	ng	#	82
3) Pyridine	3.47	79	476036	25.072	ng		96
4) n-Nitrosodimethylamine	3.39	42	314813	34.383	ng		98
6) Aniline	6.50	93	209801	9.795	ng	#	1
8) 2-Chlorophenol	6.63	128	595865	44.520	ng		95
9) Benzaldehyde	6.39	77	313942	30.242	ng		95
10) Phenol	6.50	94	656191	37.618	ng		92
11) bis(2-Chloroethyl)ether	6.57	93	589774	44.535	ng		99
12) 1,3-Dichlorobenzene	6.77	146	549409	36.569	ng		100
13) 1,4-Dichlorobenzene	6.85	146	570043	37.653	ng		97
14) 1,2-Dichlorobenzene	7.00	146	528395	38.202	ng		99
15) Benzyl Alcohol	6.98	79	507451	43.878	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1055007	41.087	ng		58
17) 2-Methylphenol	7.10	107	469688	42.720	ng	#	90
18) Hexachloroethane	7.34	117	200603	35.300	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	430241	45.776	ng		98
20) 3+4-Methylphenols	7.26	107	613521	48.297	ng	#	57
22) Acetophenone	7.24	105	836956	47.360	ng	#	90
24) Nitrobenzene	7.42	77	651300	44.987	ng		98
25) Isophorone	7.66	82	1208389	45.838	ng		99
26) 2-Nitrophenol	7.73	139	324860	46.250	ng		99
27) 2,4-Dimethylphenol	7.77	122	542336	49.161	ng		100
28) bis(2-Chloroethoxy)methane	7.86	93	774986	45.308	ng		99
29) 2,4-Dichlorophenol	7.98	162	522246	47.542	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	518794	41.532	ng		99
31) Naphthalene	8.13	128	1675191	44.956	ng		99
32) Benzoic acid	7.92	122	263636	35.634	ng		99
33) 4-Chloroaniline	8.19	127	106105	6.249	ng		95
34) Hexachlorobutadiene	8.25	225	284286	39.998	ng		97
35) Caprolactam	8.57	113	159312m	44.477	ng		
36) 4-Chloro-3-methylphenol	8.69	107	563402	50.953	ng		97
37) 2-Methylnaphthalene	8.83	142	1176236	48.925	ng		98
38) 1-Methylnaphthalene	8.93	142	1122827	49.594	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	544001	45.401	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	67222	15.715	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	366864	44.513	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	384371	45.476	ng		97
46) 1,1'-Biphenyl	9.29	154	1447159	45.287	ng		100
47) 2-Chloronaphthalene	9.32	162	1117641	43.458	ng		96
48) 2-Nitroaniline	9.42	65	398151	43.654	ng		98
49) Acenaphthylene	9.73	152	1779094	45.484	ng		99
50) Dimethylphthalate	9.59	163	1368274	47.121	ng		100
51) 2,6-Dinitrotoluene	9.66	165	306457	47.583	ng	#	83
52) Acenaphthene	9.90	154	1047991	43.662	ng		98
53) 3-Nitroaniline	9.83	138	101040	12.638	ng		98
54) 2,4-Dinitrophenol	9.95	184	95290	33.688	ng		97
55) Dibenzofuran	10.08	168	1525060	43.330	ng		96
56) 4-Nitrophenol	10.02	139	357733	63.272	ng		99
57) 2,4-Dinitrotoluene	10.07	165	376813	43.105	ng	#	81
58) Fluorene	10.42	166	1248028	45.907	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	324853	44.543	ng		98
60) Diethylphthalate	10.29	149	1382010	46.842	ng		100
61) 4-Chlorophenyl-phenylether	10.41	204	611239	45.778	ng		98
62) 4-Nitroaniline	10.45	138	283610	33.759	ng		99
63) Azobenzene	10.57	77	1291051	45.208	ng		100
65) 4,6-Dinitro-2-methylphenol	10.49	198	71382	19.527	ng		90
66) n-Nitrosodiphenylamine	10.53	169	1142618	49.488	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	394522	47.101	ng		98
68) Hexachlorobenzene	10.97	284	402967	43.488	ng		99
69) Atrazine	11.06	200	353648	49.219	ng		97
70) Pentachlorophenol	11.17	266	350555	79.806	ng		99
71) Phenanthrene	11.39	178	1708970	46.174	ng		98
72) Anthracene	11.43	178	1766063	47.507	ng		100
73) Carbazole	11.59	167	1649252	46.524	ng		99
74) Di-n-butylphthalate	11.91	149	2154023	52.742	ng		99
75) Fluoranthene	12.57	202	1634039	40.998	ng		100
77) Benzidine	12.69	184	534385	28.603	ng		95
78) Pyrene	12.80	202	1599976	47.787	ng		99
80) Butylbenzylphthalate	13.40	149	804785	57.106	ng		96
81) Benzo(a)anthracene	13.99	228	1267306	47.077	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	348020	33.326	ng		99
83) Chrysene	14.03	228	1248002	47.292	ng		98
84) Bis(2-ethylhexyl)phthalate	13.96	149	1081855	58.696	ng		100
85) Di-n-octyl phthalate	14.58	149	1699006	56.864	ng		99
86) Indeno(1,2,3-cd)pyrene	16.96	276	1033989	44.335	ng		100
88) Benzo(b)fluoranthene	15.04	252	1377232	49.036	ng		99
89) Benzo(k)fluoranthene	15.07	252	1162030	45.040	ng		100
90) Benzo(a)pyrene	15.42	252	1184481	47.919	ng		98
91) Dibenzo(a,h)anthracene	16.96	278	890543	43.357	ng		100
92) Benzo(g,h,i)perylene	17.40	276	830588	40.351	ng		100

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

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