Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114814.D
Acq On : 5 Jun 2019 12:12
Operator : HP/JU
Sample : K2641-14MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMS

Manual Integrations APPROVED
mohammad
6/6/2019 4:49:44 PM

Quant Time: Jun 06 05:11:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	526199	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	2053852	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	1054220	20.00	ng		0.00
64) Phenanthrene-d10	11.17	188	2078490	20.00	ng		0.00
76) Chrysene-d12	13.79	240	1253700	20.00	ng		0.00
87) Perylene-d12	15.17	264	1589501	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	2980359	98.97	ng		0.02
7) Phenol-d6	6.31	99	3322401	90.67	ng		0.00
23) Nitrobenzene-d5	7.23	82	2460398	73.74	ng		0.00
42) 2,4,6-Tribromophenol	10.48	330	1206297	106.18	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	4553706	80.92	ng		0.00
79) Terphenyl-d14	12.75	244	4791834	74.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	462762	32.186	ng		99
3) Pyridine	3.15	79	1059070	26.802	ng		98
4) n-Nitrosodimethylamine	3.03	42	507644	35.103	ng		95
6) Aniline	6.33	93	495319	9.526	ng	#	67
8) 2-Chlorophenol	6.45	128	1250513	35.941	ng		98
9) Benzaldehyde	6.20	77	344218	13.543	ng		98
10) Phenol	6.32	94	1267208	30.241	ng		80
11) bis(2-Chloroethyl)ether	6.40	93	1209611	36.988	ng		98
12) 1,3-Dichlorobenzene	6.60	146	1294110	31.919	ng		99
13) 1,4-Dichlorobenzene	6.68	146	1320964	32.380	ng		99
14) 1,2-Dichlorobenzene	6.83	146	1223780	33.215	ng		99
15) Benzyl Alcohol	6.81	79	993321	35.847	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1670881	35.724	ng		100
17) 2-Methylphenol	6.93	107	1039530	34.953	ng		99
18) Hexachloroethane	7.18	117	471815	30.727	ng		97
19) n-Nitroso-di-n-propylamine	7.09	70	846758	34.909	ng		98
20) 3+4-Methylphenols	7.08	107	1179600	35.960	ng		93
22) Acetophenone	7.07	105	1734621	38.361	ng	#	98
24) Nitrobenzene	7.25	77	1304775	37.749	ng		100
25) Isophorone	7.49	82	2437020	36.947	ng		100
26) 2-Nitrophenol	7.56	139	717346	38.319	ng		94
27) 2,4-Dimethylphenol	7.61	122	1155976	40.627	ng		99
28) bis(2-Chloroethoxy)methane	7.70	93	1576133	37.381	ng		99
29) 2,4-Dichlorophenol	7.80	162	1142539	38.167	ng		99
30) 1,2,4-Trichlorobenzene	7.89	180	1208452	35.182	ng		99
31) Naphthalene	7.97	128	3573549	38.648	ng		100
32) Benzoic acid	7.71	122	419813	20.258	ng		97
33) 4-Chloroaniline	8.02	127	212894	4.826	ng		97
34) Hexachlorobutadiene	8.10	225	650379	33.305	ng		99
35) Caprolactam	8.39	113	286210m	29.268	ng		
36) 4-Chloro-3-methylphenol	8.50	107	1177819	39.540	ng		100
37) 2-Methylnaphthalene	8.66	142	2559583	39.909	ng		98
38) 1-Methylnaphthalene	8.76	142	2415985	39.722	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	1081903	35.611	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	1081297	58.684	ng		100
43) 2,4,6-Trichlorophenol	8.94	196	907855	38.429	ng		99
44) 2,4,5-Trichlorophenol	8.98	196	835258	35.107	ng		98
46) 1,1'-Biphenyl	9.12	154	2976105	38.090	ng		99
47) 2-Chloronaphthalene	9.15	162	2390000	35.998	ng		99
48) 2-Nitroaniline	9.24	65	729354	36.812	ng		97
49) Acenaphthylene	9.56	152	3646195	37.871	ng		99
50) Dimethylphthalate	9.43	163	2869632	37.270	ng		99
51) 2,6-Dinitrotoluene	9.48	165	695777	38.424	ng		91
52) Acenaphthene	9.73	154	2310777	36.639	ng		100
53) 3-Nitroaniline	9.64	138	311410	14.721	ng		93
54) 2,4-Dinitrophenol	9.75	184	268262	32.739	ng		95
55) Dibenzofuran	9.90	168	3243273	36.981	ng		97
56) 4-Nitrophenol	9.82	139	1063306	68.599	ng		96
57) 2,4-Dinitrotoluene	9.89	165	921682	40.489	ng		97
58) Fluorene	10.25	166	2325629	40.443	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.02	232	757535	38.864	ng		100
60) Diethylphthalate	10.13	149	2886655	37.362	ng		99
61) 4-Chlorophenyl-phenylether	10.23	204	1170071	34.834	ng		99
62) 4-Nitroaniline	10.26	138	731738	35.665	ng		99
63) Azobenzene	10.40	77	2550295	38.778	ng		99
65) 4,6-Dinitro-2-methylphenol	10.29	198	258879	23.977	ng		88
66) n-Nitrosodiphenylamine	10.36	169	2352392	37.429	ng		99
67) 4-Bromophenyl-phenylether	10.72	248	833045	35.289	ng		97
68) Hexachlorobenzene	10.79	284	889939	34.446	ng		98
69) Atrazine	10.89	200	804460	36.803	ng		99
70) Pentachlorophenol	10.98	266	940622	62.980	ng		97
71) Phenanthrene	11.20	178	3654858	36.834	ng		98
72) Anthracene	11.25	178	3745364	35.867	ng		98
73) Carbazole	11.40	167	3486345	38.946	ng		99
74) Di-n-butylphthalate	11.75	149	4192776	35.611	ng		98
75) Fluoranthene	12.37	202	3846532	37.246	ng		97
77) Benzidine	12.49	184	624990	10.070	ng		98
78) Pyrene	12.60	202	3916646	36.012	ng		97
80) Butylbenzylphthalate	13.23	149	2075385	37.788	ng		98
81) Benzo(a)anthracene	13.78	228	3439289	35.600	ng		99
82) 3,3'-Dichlorobenzidine	13.74	252	700195	17.874	ng		98
83) Chrysene	13.82	228	3396416	36.139	ng		96
84) Bis(2-ethylhexyl)phthalate	13.80	149	2506152	36.087	ng	#	98
85) Di-n-octyl phthalate	14.40	149	4414762	37.412	ng		99
86) Indeno(1,2,3-cd)pyrene	16.48	276	3615932	33.720	ng		99
88) Benzo(b)fluoranthene	14.79	252	3807933	37.631	ng		99
89) Benzo(k)fluoranthene	14.82	252	3092659	35.989	ng		98
90) Benzo(a)pyrene	15.12	252	3305815	37.744	ng		99
91) Dibenzo(a,h)anthracene	16.50	278	2958769	35.672	ng		98
92) Benzo(g,h,i)perylene	16.87	276	3009335	36.079	ng		98

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

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