Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080519\
Data File : BF115992.D
Acq On : 5 Aug 2019 20:54
Operator : HP/JU
Sample : K4093-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

Manual Integrations APPROVED
mohammad
8/8/2019 4:45:45 PM

Quant Time: Aug 06 03:58:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	140735	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	543804	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	292579	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	521580	20.00	ng		-0.02
76) Chrysene-d12	14.01	240	375314	20.00	ng		-0.02
87) Perylene-d12	15.47	264	345964	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1019736	121.30	ng		0.02
7) Phenol-d6	6.49	99	1242787	117.17	ng		0.00
23) Nitrobenzene-d5	7.41	82	930425	98.76	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	412930	145.57	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	1635491	104.70	ng		-0.01
79) Terphenyl-d14	12.95	244	1943395	109.11	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	144670	34.064	ng	#	85
3) Pyridine	3.52	79	298086	25.126	ng		99
4) n-Nitrosodimethylamine	3.45	42	180982	38.656	ng		100
6) Aniline	6.52	93	152521	10.041	ng	#	86
8) 2-Chlorophenol	6.64	128	396770	42.681	ng		98
9) Benzaldehyde	6.40	77	151275	20.670	ng		98
10) Phenol	6.50	94	428891	34.338	ng		100
11) bis(2-Chloroethyl)ether	6.59	93	414528	45.140	ng		96
12) 1,3-Dichlorobenzene	6.79	146	424683	39.529	ng		97
13) 1,4-Dichlorobenzene	6.86	146	437579	40.678	ng		99
14) 1,2-Dichlorobenzene	7.02	146	400743	40.458	ng		99
15) Benzyl Alcohol	6.99	79	350529	43.547	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	519232	41.453	ng		93
17) 2-Methylphenol	7.10	107	333197	42.329	ng		99
18) Hexachloroethane	7.36	117	160896	40.625	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	287522	43.745	ng		98
20) 3+4-Methylphenols	7.26	107	407056	43.699	ng	#	73
22) Acetophenone	7.26	105	562597	47.173	ng	#	98
24) Nitrobenzene	7.43	77	453654	44.597	ng		98
25) Isophorone	7.67	82	831839	46.177	ng		99
26) 2-Nitrophenol	7.75	139	222017	46.301	ng		96
27) 2,4-Dimethylphenol	7.78	122	366049	50.741	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	507432	45.446	ng		99
29) 2,4-Dichlorophenol	7.99	162	358160	47.020	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	383655	44.186	ng		100
31) Naphthalene	8.15	128	1191899	46.576	ng		100
32) Benzoic acid	7.91	122	153428	30.166	ng		98
33) 4-Chloroaniline	8.20	127	93339	8.163	ng		99
34) Hexachlorobutadiene	8.26	225	214361	42.861	ng		99
35) Caprolactam	8.57	113	83668m	33.962	ng		
36) 4-Chloro-3-methylphenol	8.69	107	376720	47.540	ng		98
37) 2-Methylnaphthalene	8.84	142	804338	47.726	ng		99
38) 1-Methylnaphthalene	8.94	142	749918	47.035	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	365069	46.673	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	220309	64.018	ng		100
43) 2,4,6-Trichlorophenol	9.12	196	245963	45.685	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	266422	47.872	ng		99
46) 1,1'-Biphenyl	9.30	154	983108	47.594	ng		98
47) 2-Chloronaphthalene	9.33	162	771049	44.850	ng		98
48) 2-Nitroaniline	9.42	65	250250	44.038	ng		89
49) Acenaphthylene	9.75	152	1180809	47.079	ng		100
50) Dimethylphthalate	9.60	163	930962	46.732	ng		100
51) 2,6-Dinitrotoluene	9.66	165	205705	47.515	ng	#	85
52) Acenaphthene	9.92	154	713239	46.353	ng		99
53) 3-Nitroaniline	9.83	138	96609	18.060	ng		91
54) 2,4-Dinitrophenol	9.95	184	157301	72.274	ng		96
55) Dibenzofuran	10.09	168	1065936	47.636	ng		98
56) 4-Nitrophenol	10.01	139	296771	86.603	ng		98
57) 2,4-Dinitrotoluene	10.07	165	273060	47.373	ng		93
58) Fluorene	10.43	166	820943	47.685	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	220650	47.126	ng		100
60) Diethylphthalate	10.30	149	889141	47.806	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	414112	47.495	ng		98
62) 4-Nitroaniline	10.45	138	225482	40.787	ng		99
63) Azobenzene	10.58	77	921176	48.153	ng		97
65) 4,6-Dinitro-2-methylphenol	10.49	198	128162	46.368	ng		91
66) n-Nitrosodiphenylamine	10.54	169	745814	47.507	ng		99
67) 4-Bromophenyl-phenylether	10.91	248	258934	46.375	ng		91
68) Hexachlorobenzene	10.98	284	290572	45.005	ng		98
69) Atrazine	11.06	200	238265	46.134	ng		99
70) Pentachlorophenol	11.18	266	287936	91.858	ng		100
71) Phenanthrene	11.39	178	1244279	46.665	ng		99
72) Anthracene	11.44	178	1290152	47.809	ng		98
73) Carbazole	11.60	167	1172846	47.906	ng		99
74) Di-n-butylphthalate	11.92	149	1424351	49.872	ng		99
75) Fluoranthene	12.58	202	1351819	48.426	ng		99
77) Benzidine	12.70	184	65161	5.139	ng		98
78) Pyrene	12.81	202	1354149	47.864	ng		99
80) Butylbenzylphthalate	13.42	149	629812	52.627	ng		94
81) Benzo(a)anthracene	14.00	228	1132726	47.219	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	165375	19.843	ng		98
83) Chrysene	14.03	228	1114016	47.834	ng		99
84) Bis(2-ethylhexyl)phthalate	13.98	149	879492	56.553	ng		100
85) Di-n-octyl phthalate	14.59	149	1383886	56.024	ng		100
86) Indeno(1,2,3-cd)pyrene	16.94	276	1032014	52.760	ng		99
88) Benzo(b)fluoranthene	15.04	252	950711	47.526	ng		98
89) Benzo(k)fluoranthene	15.07	252	912076	46.811	ng		99
90) Benzo(a)pyrene	15.41	252	871577	48.740	ng		100
91) Dibenzo(a,h)anthracene	16.95	278	855267	55.254	ng		98
92) Benzo(g,h,i)perylene	17.38	276	887493	58.381	ng		100

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

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