Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112247.D
Acq On : 25 Jan 2019 22:18
Operator : JU/SJ
Sample : K1238-31MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4MSD

Manual Integrations APPROVED
mohammad
1/29/2019 12:31:42 AM

Quant Time: Jan 28 03:29:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 02:58:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	193986	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	755515	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	361445	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	628120	20.00	ng		0.00
76) Chrysene-d12	14.00	240	360110	20.00	ng		0.00
87) Perylene-d12	15.47	264	381596	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1924420	210.72	ng		0.02
7) Phenol-d6	6.50	99	2019885	159.17	ng		0.01
23) Nitrobenzene-d5	7.41	82	1287289	98.18	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	586654	139.44	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2154267	84.30	ng		0.00
79) Terphenyl-d14	12.94	244	1798942	94.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	224517	61.712	ng		96
3) Pyridine	3.43	79	635768	68.698	ng		98
4) n-Nitrosodimethylamine	3.39	42	319358	82.137	ng		100
6) Aniline	6.51	93	386503	25.603	ng	#	1
8) 2-Chlorophenol	6.64	128	661851	53.871	ng		97
9) Benzaldehyde	6.39	77	126175	19.022	ng		97
10) Phenol	6.52	94	875814	62.905	ng		83
11) bis(2-Chloroethyl)ether	6.58	93	591771	53.987	ng		100
12) 1,3-Dichlorobenzene	6.79	146	711910	49.755	ng		98
13) 1,4-Dichlorobenzene	6.86	146	721257	48.980	ng		98
14) 1,2-Dichlorobenzene	7.02	146	671691	48.719	ng		96
15) Benzyl Alcohol	6.99	79	553455	51.736	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	708256	50.324	ng	#	35
17) 2-Methylphenol	7.11	107	526777	54.088	ng	#	93
18) Hexachloroethane	7.36	117	257674	49.831	ng		95
19) n-Nitroso-di-n-propylamine	7.26	70	441802	50.488	ng		98
20) 3+4-Methylphenols	7.26	107	669711	53.774	ng	#	78
22) Acetophenone	7.26	105	888219	48.281	ng		98
24) Nitrobenzene	7.43	77	667157	50.947	ng		99
25) Isophorone	7.67	82	1195129	58.100	ng		98
26) 2-Nitrophenol	7.75	139	374144	53.463	ng		96
27) 2,4-Dimethylphenol	7.79	122	580548	60.211	ng		94
28) bis(2-Chloroethoxy)methane	7.87	93	752750	53.744	ng		100
29) 2,4-Dichlorophenol	7.99	162	573271	53.130	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	609465	49.139	ng		98
31) Naphthalene	8.15	128	1871084	52.958	ng		99
32) Benzoic acid	7.89	122	47670	8.667	ng		95
33) 4-Chloroaniline	8.20	127	177143	11.515	ng		99
34) Hexachlorobutadiene	8.26	225	339906	46.702	ng		99
35) Caprolactam	8.58	113	179175m	47.072	ng		
36) 4-Chloro-3-methylphenol	8.70	107	582305	50.979	ng		97
37) 2-Methylnaphthalene	8.84	142	1309122	54.125	ng		96
38) 1-Methylnaphthalene	8.94	142	1230413	53.074	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	594411	50.087	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	338308	75.786	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	383789	52.464	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	406630	53.186	ng		97
46) 1,1'-Biphenyl	9.30	154	1543220	48.838	ng		99
47) 2-Chloronaphthalene	9.33	162	1194347	48.741	ng		97
48) 2-Nitroaniline	9.43	65	338719	50.716	ng		92
49) Acenaphthylene	9.75	152	1878114	52.293	ng		100
50) Dimethylphthalate	9.60	163	1661383	59.161	ng		100
51) 2,6-Dinitrotoluene	9.67	165	323485	51.434	ng	#	83
52) Acenaphthene	9.92	154	1088870	50.752	ng		100
53) 3-Nitroaniline	9.84	138	192496	28.251	ng		96
54) 2,4-Dinitrophenol	9.95	184	96320	47.720	ng		93
55) Dibenzofuran	10.09	168	1604535	48.939	ng		95
56) 4-Nitrophenol	10.03	139	375308	104.184	ng		97
57) 2,4-Dinitrotoluene	10.08	165	406166	50.727	ng	#	87
58) Fluorene	10.43	166	1271124	51.809	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	323024	55.909	ng		95
60) Diethylphthalate	10.30	149	1367341	49.064	ng		100
61) 4-Chlorophenyl-phenylether	10.42	204	616390	46.184	ng		93
62) 4-Nitroaniline	10.46	138	296500	44.364	ng		95
63) Azobenzene	10.58	77	1194780	48.747	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	145068	41.193	ng		98
66) n-Nitrosodiphenylamine	10.54	169	1129509	53.356	ng		99
67) 4-Bromophenyl-phenylether	10.91	248	376487	50.962	ng		97
68) Hexachlorobenzene	10.99	284	411208	51.881	ng		98
69) Atrazine	11.07	200	361985	52.994	ng		97
70) Pentachlorophenol	11.19	266	329295	106.773	ng		99
71) Phenanthrene	11.39	178	1719253	52.649	ng		99
72) Anthracene	11.45	178	1754255	53.930	ng		100
73) Carbazole	11.60	167	1504664	46.894	ng		99
74) Di-n-butylphthalate	11.92	149	1941563	48.749	ng		99
75) Fluoranthene	12.58	202	1543147	44.059	ng		99
77) Benzidine	12.69	184	501358	50.584	ng		95
78) Pyrene	12.81	202	1499286	60.135	ng		99
80) Butylbenzylphthalate	13.42	149	664364	55.077	ng		96
81) Benzo(a)anthracene	14.00	228	1151964	54.417	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	235433	29.717	ng		99
83) Chrysene	14.03	228	1067247	52.816	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	890667	52.017	ng		99
85) Di-n-octyl phthalate	14.58	149	1332485	50.581	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	1295673	80.921	ng		97
88) Benzo(b)fluoranthene	15.04	252	1140884	49.992	ng		99
89) Benzo(k)fluoranthene	15.07	252	1104825	50.542	ng		99
90) Benzo(a)pyrene	15.41	252	1123881	54.732	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	1070484	64.684	ng		99
92) Benzo(g,h,i)perylene	17.40	276	1065316	68.230	ng		97

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

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