Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
Data File : BF114710.D
Acq On : 31 May 2019 16:05
Operator : HP/JU
Sample : K3072-06MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6MSD

Manual Integrations APPROVED
mohammad
6/3/2019 8:49:31 AM

Quant Time: Jun 01 00:58:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	341950	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	1306448	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	650071	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	1308144	20.00	ng		0.00
76) Chrysene-d12	13.82	240	819653	20.00	ng		0.00
87) Perylene-d12	15.21	264	957230	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	2373624	121.87	ng		0.02
7) Phenol-d6	6.34	99	3009050	128.21	ng		0.01
23) Nitrobenzene-d5	7.26	82	1868873	89.25	ng		0.00
42) 2,4,6-Tribromophenol	10.51	330	867441	140.04	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	2980965	86.40	ng		0.00
79) Terphenyl-d14	12.78	244	3511068	80.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	361805	38.710	ng		98
3) Pyridine	3.09	79	682911	25.106	ng		97
4) n-Nitrosodimethylamine	3.02	42	439679	39.943	ng		93
6) Aniline	6.36	93	607008	17.122	ng	#	59
8) 2-Chlorophenol	6.49	128	1024095	45.530	ng		97
9) Benzaldehyde	6.24	77	438264	30.981	ng		95
10) Phenol	6.35	94	1188227	41.910	ng		98
11) bis(2-Chloroethyl)ether	6.44	93	929295	42.851	ng		96
12) 1,3-Dichlorobenzene	6.64	146	1078016	42.067	ng		100
13) 1,4-Dichlorobenzene	6.72	146	1095234	42.603	ng		99
14) 1,2-Dichlorobenzene	6.87	146	1033380	44.152	ng		99
15) Benzyl Alcohol	6.84	79	840509	45.528	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1309287	39.362	ng		99
17) 2-Methylphenol	6.96	107	851264	44.747	ng		99
18) Hexachloroethane	7.21	117	391286	40.200	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	658499	40.648	ng		97
20) 3+4-Methylphenols	7.11	107	975756	43.610	ng		92
22) Acetophenone	7.10	105	1328928	47.741	ng	#	98
24) Nitrobenzene	7.28	77	1039342	46.724	ng		91
25) Isophorone	7.52	82	1883687	44.823	ng		98
26) 2-Nitrophenol	7.59	139	565364	52.215	ng		100
27) 2,4-Dimethylphenol	7.64	122	923128	51.263	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	1174690	43.911	ng		100
29) 2,4-Dichlorophenol	7.84	162	891798	48.654	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	948229	45.408	ng		99
31) Naphthalene	8.00	128	2742094	45.567	ng		100
32) Benzoic acid	7.75	122	340261m	29.091	ng		
33) 4-Chloroaniline	8.04	127	253540	8.843	ng		98
34) Hexachlorobutadiene	8.13	225	501809	43.257	ng		99
35) Caprolactam	8.42	113	289720m	46.838	ng		
36) 4-Chloro-3-methylphenol	8.53	107	926282	50.392	ng		98
37) 2-Methylnaphthalene	8.69	142	1899360	47.504	ng		100
38) 1-Methylnaphthalene	8.79	142	1808214	47.732	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	799995	46.211	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	968173	84.630	ng		99
43) 2,4,6-Trichlorophenol	8.97	196	640649	47.032	ng		99
44) 2,4,5-Trichlorophenol	9.00	196	694939	51.125	ng		98
46) 1,1'-Biphenyl	9.15	154	2199548	45.581	ng		100
47) 2-Chloronaphthalene	9.17	162	1799438	45.459	ng		99
48) 2-Nitroaniline	9.27	65	566584	46.383	ng		90
49) Acenaphthylene	9.59	152	2777473	45.419	ng		99
50) Dimethylphthalate	9.46	163	2610469	57.629	ng		99
51) 2,6-Dinitrotoluene	9.51	165	526421	50.014	ng		97
52) Acenaphthene	9.76	154	1838653	49.027	ng		99
53) 3-Nitroaniline	9.67	138	278243	21.599	ng		96
54) 2,4-Dinitrophenol	9.78	184	368592	88.780	ng		93
55) Dibenzofuran	9.93	168	2412823	45.198	ng		99
56) 4-Nitrophenol	9.85	139	957857	100.337	ng		98
57) 2,4-Dinitrotoluene	9.91	165	713361	52.808	ng		95
58) Fluorene	10.27	166	1726890	50.492	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	554482	49.836	ng		99
60) Diethylphthalate	10.16	149	2113002	45.672	ng		99
61) 4-Chlorophenyl-phenylether	10.26	204	850242	48.839	ng		99
62) 4-Nitroaniline	10.29	138	578052	46.049	ng		97
63) Azobenzene	10.43	77	1896285	44.643	ng		94
65) 4,6-Dinitro-2-methylphenol	10.32	198	261879	45.148	ng		89
66) n-Nitrosodiphenylamine	10.39	169	1764116	45.644	ng		99
67) 4-Bromophenyl-phenylether	10.75	248	612049	43.630	ng		96
68) Hexachlorobenzene	10.82	284	668483	43.996	ng		93
69) Atrazine	10.92	200	611236	53.765	ng		98
70) Pentachlorophenol	11.01	266	703327	80.301	ng		97
71) Phenanthrene	11.23	178	2815032	42.185	ng		99
72) Anthracene	11.27	178	2914287	43.150	ng		99
73) Carbazole	11.43	167	2759721	46.494	ng		99
74) Di-n-butylphthalate	11.77	149	3099812	42.712	ng		99
75) Fluoranthene	12.40	202	2981921	43.155	ng		99
77) Benzidine	12.52	184	348718	10.332	ng	#	92
78) Pyrene	12.63	202	3003680	43.320	ng		99
80) Butylbenzylphthalate	13.26	149	1535124	44.055	ng		99
81) Benzo(a)anthracene	13.81	228	2652139	42.106	ng		99
82) 3,3'-Dichlorobenzidine	13.77	252	552246	22.703	ng		98
83) Chrysene	13.85	228	2654512	44.110	ng		99
84) Bis(2-ethylhexyl)phthalate	13.82	149	1866145	43.319	ng		100
85) Di-n-octyl phthalate	14.43	149	3356800	44.848	ng		97
86) Indeno(1,2,3-cd)pyrene	16.54	276	2606619	43.247	ng		99
88) Benzo(b)fluoranthene	14.82	252	2675563	44.378	ng		99
89) Benzo(k)fluoranthene	14.85	252	2402316	45.843	ng		99
90) Benzo(a)pyrene	15.16	252	2418558	45.664	ng		100
91) Dibenzo(a,h)anthracene	16.56	278	2137272	45.666	ng		99
92) Benzo(g,h,i)perylene	16.94	276	2239992	49.312	ng		98

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

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