Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
Data File : BF115416.D
Acq On : 8 Jul 2019 20:20
Operator : HP/JU
Sample : K3622-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMS

Manual Integrations APPROVED
mohammad
7/10/2019 9:04:32 AM

Quant Time: Jul 09 03:18:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 14:57:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	208023	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	846316	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	457186	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	901116	20.00	ng	0.00
76) Chrysene-d12	14.05	240	609082	20.00	ng	-0.02
87) Perylene-d12	15.53	264	581855	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1395694	103.66	ng	0.02
7) Phenol-d6	6.53	99	1776612	103.75	ng	0.00
23) Nitrobenzene-d5	7.46	82	1300457	90.79	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	647869	128.17	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2346412	90.06	ng	0.00
79) Terphenyl-d14	13.00	244	2592255	87.14	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.87	88	202317	30.635	ng	# 85
3) Pyridine	3.57	79	513066	28.096	ng	99
4) n-Nitrosodimethylamine	3.51	42	246846	33.334	ng	97
6) Aniline	6.56	93	310500	12.850	ng	99
8) 2-Chlorophenol	6.69	128	574997	37.821	ng	97
9) Benzaldehyde	6.45	77	257917	23.437	ng	99
10) Phenol	6.54	94	642464	31.359	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	571069	37.573	ng	98
12) 1,3-Dichlorobenzene	6.84	146	533199	32.012	ng	99
13) 1,4-Dichlorobenzene	6.92	146	549327	32.926	ng	100
14) 1,2-Dichlorobenzene	7.07	146	522998	33.858	ng	99
15) Benzyl Alcohol	7.03	79	543509	39.555	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	767838	36.131	ng	99
17) 2-Methylphenol	7.15	107	496040	38.085	ng	100
18) Hexachloroethane	7.42	117	200093	32.194	ng	97
19) n-Nitroso-di-n-propylamine	7.32	70	438023	37.810	ng	99
20) 3+4-Methylphenols	7.30	107	598151	38.879	ng	91
22) Acetophenone	7.30	105	819330	40.402	ng	97
24) Nitrobenzene	7.47	77	654800	40.477	ng	98
25) Isophorone	7.72	82	1263485	40.695	ng	99
26) 2-Nitrophenol	7.79	139	318236	47.850	ng	99
27) 2,4-Dimethylphenol	7.83	122	577969	45.574	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	775869	40.525	ng	100
29) 2,4-Dichlorophenol	8.03	162	542845	42.976	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	547954	38.967	ng	100
31) Naphthalene	8.20	128	1666793	39.651	ng	100
32) Benzoic acid	7.92	122	151676	20.393	ng	95
33) 4-Chloroaniline	8.24	127	130306	6.948	ng	99
34) Hexachlorobutadiene	8.32	225	296927	37.234	ng	98
35) Caprolactam	8.62	113	147318m	35.809	ng	
36) 4-Chloro-3-methylphenol	8.73	107	588912	44.078	ng	97
37) 2-Methylnaphthalene	8.89	142	1183445	42.119	ng	99
38) 1-Methylnaphthalene	8.99	142	1118829	41.734	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	516874	39.298	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	586741	76.968	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	409076	42.721	ng		99
44) 2,4,5-Trichlorophenol	9.21	196	435275	43.839	ng		98
46) 1,1'-Biphenyl	9.36	154	1487063	41.374	ng		99
47) 2-Chloronaphthalene	9.38	162	1183547	39.843	ng		100
48) 2-Nitroaniline	9.47	65	381340	43.695	ng		99
49) Acenaphthylene	9.80	152	1815412	40.365	ng		100
50) Dimethylphthalate	9.66	163	1461418	42.588	ng		100
51) 2,6-Dinitrotoluene	9.72	165	337355	45.330	ng		86
52) Acenaphthene	9.97	154	1167016	41.230	ng		99
53) 3-Nitroaniline	9.87	138	136458	15.787	ng		99
54) 2,4-Dinitrophenol	9.98	184	145457	49.495	ng	#	78
55) Dibenzofuran	10.14	168	1660982	41.658	ng		99
56) 4-Nitrophenol	10.04	139	550189	82.271	ng		98
57) 2,4-Dinitrotoluene	10.12	165	456948	48.313	ng		94
58) Fluorene	10.49	166	1220147	38.820	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	383651	44.728	ng		99
60) Diethylphthalate	10.36	149	1438920	42.602	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	623234	40.626	ng		99
62) 4-Nitroaniline	10.50	138	348311	41.053	ng		99
63) Azobenzene	10.63	77	1445202	41.509	ng		98
65) 4,6-Dinitro-2-methylphenol	10.53	198	140744	35.125	ng		84
66) n-Nitrosodiphenylamine	10.59	169	1199478	42.246	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	424247	41.958	ng		98
68) Hexachlorobenzene	11.03	284	466178	41.087	ng		99
69) Atrazine	11.12	200	405247	46.120	ng		99
70) Pentachlorophenol	11.22	266	523744	75.745	ng		99
71) Phenanthrene	11.45	178	1892399	39.931	ng		99
72) Anthracene	11.50	178	1959003	41.222	ng		100
73) Carbazole	11.65	167	1750441	40.262	ng		99
74) Di-n-butylphthalate	11.98	149	2195837	41.791	ng		100
75) Fluoranthene	12.63	202	1991836	39.917	ng		99
77) Benzidine	12.74	184	684400	28.815	ng		99
78) Pyrene	12.86	202	2033669	42.936	ng		100
80) Butylbenzylphthalate	13.47	149	938207	45.335	ng		92
81) Benzo(a)anthracene	14.04	228	1571742	40.274	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	244736	17.283	ng		99
83) Chrysene	14.08	228	1634628	40.766	ng		100
84) Bis(2-ethylhexyl)phthalate	14.03	149	1176689	45.913	ng		98
85) Di-n-octyl phthalate	14.64	149	2131874	46.727	ng		99
86) Indeno(1,2,3-cd)pyrene	17.01	276	1470675	44.748	ng	#	100
88) Benzo(b)fluoranthene	15.10	252	1549472	40.900	ng		100
89) Benzo(k)fluoranthene	15.13	252	1463678	43.443	ng		99
90) Benzo(a)pyrene	15.47	252	1395222	42.700	ng		98
91) Dibenzo(a,h)anthracene	17.03	278	1233889	44.191	ng		100
92) Benzo(g,h,i)perylene	17.46	276	1202151	45.487	ng		98

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

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