Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
Data File : BF114539.D
Acq On : 23 May 2019 22:28
Operator : JU/SJ
Sample : K2746-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-5.8.19MSD

Manual Integrations APPROVED
mohammad
5/24/2019 1:36:39 PM

Quant Time: May 24 08:00:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	163555	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	637693	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	320950	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	699805	20.00	ng		0.00
76) Chrysene-d12	13.99	240	518618	20.00	ng		0.00
87) Perylene-d12	15.44	264	471708	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1098357	108.07	ng		0.00
7) Phenol-d6	6.46	99	1417309	117.91	ng		0.00
23) Nitrobenzene-d5	7.38	82	860961	75.77	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	381715	115.04	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1510560	71.19	ng		0.00
79) Terphenyl-d14	12.92	244	1790244	71.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	151081	27.045	ng		99
3) Pyridine	3.31	79	413202	26.846	ng		96
4) n-Nitrosodimethylamine	3.25	42	233170	31.415	ng		100
6) Aniline	6.48	93	329608	18.982	ng	#	23
8) 2-Chlorophenol	6.60	128	446056	41.111	ng		96
9) Benzaldehyde	6.36	77	161626	19.206	ng		100
10) Phenol	6.47	94	560348	39.627	ng		95
11) bis(2-Chloroethyl)ether	6.55	93	419875	39.111	ng		96
12) 1,3-Dichlorobenzene	6.76	146	446884	36.693	ng		99
13) 1,4-Dichlorobenzene	6.83	146	459907	37.474	ng		98
14) 1,2-Dichlorobenzene	6.99	146	429575	38.313	ng		99
15) Benzyl Alcohol	6.96	79	362617	38.678	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	758408	36.435	ng		70
17) 2-Methylphenol	7.08	107	349229	39.183	ng	#	92
18) Hexachloroethane	7.32	117	166046	36.045	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	297716	39.075	ng		100
20) 3+4-Methylphenols	7.23	107	457581	44.436	ng	#	65
22) Acetophenone	7.22	105	584682	41.388	ng	#	89
24) Nitrobenzene	7.40	77	460604	39.799	ng		94
25) Isophorone	7.63	82	851339	40.398	ng		99
26) 2-Nitrophenol	7.72	139	242503	43.189	ng		98
27) 2,4-Dimethylphenol	7.76	122	381956	43.312	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	534680	39.103	ng		99
29) 2,4-Dichlorophenol	7.96	162	374028	42.593	ng		100
30) 1,2,4-Trichlorobenzene	8.04	180	383747	38.430	ng		99
31) Naphthalene	8.12	128	1240308	41.638	ng		98
32) Benzoic acid	7.87	122	70185	16.550	ng		97
33) 4-Chloroaniline	8.17	127	212245	15.636	ng		99
34) Hexachlorobutadiene	8.23	225	209199	36.820	ng		97
35) Caprolactam	8.55	113	135208m	47.220	ng		
36) 4-Chloro-3-methylphenol	8.67	107	403470	45.646	ng		99
37) 2-Methylnaphthalene	8.81	142	837924	43.599	ng		98
38) 1-Methylnaphthalene	8.91	142	794645	43.906	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	380313	39.118	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	90208	23.164	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	258549	38.663	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	273191	39.835	ng		98
46) 1,1'-Biphenyl	9.27	154	1026745	39.599	ng		97
47) 2-Chloronaphthalene	9.30	162	788579	37.791	ng		97
48) 2-Nitroaniline	9.40	65	283396	38.295	ng		98
49) Acenaphthylene	9.72	152	1265792	39.883	ng		99
50) Dimethylphthalate	9.57	163	1085477	46.071	ng		100
51) 2,6-Dinitrotoluene	9.64	165	216833	41.493	ng		98
52) Acenaphthene	9.89	154	752526	38.640	ng		97
53) 3-Nitroaniline	9.81	138	161630	24.916	ng		99
54) 2,4-Dinitrophenol	9.93	184	122412	49.403	ng		94
55) Dibenzofuran	10.06	168	1090317	38.179	ng		99
56) 4-Nitrophenol	10.00	139	296075	64.539	ng		98
57) 2,4-Dinitrotoluene	10.05	165	275305	38.814	ng	#	80
58) Fluorene	10.40	166	912560	41.370	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.19	232	237653	40.161	ng		100
60) Diethylphthalate	10.27	149	978618	40.879	ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	432942	39.961	ng		98
62) 4-Nitroaniline	10.43	138	237285	34.810	ng		96
63) Azobenzene	10.55	77	920616	39.730	ng		97
65) 4,6-Dinitro-2-methylphenol	10.47	198	127423	37.894	ng		88
66) n-Nitrosodiphenylamine	10.51	169	829156	39.039	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	278504	36.145	ng		96
68) Hexachlorobenzene	10.96	284	302043	35.435	ng		92
69) Atrazine	11.04	200	258228	39.069	ng		98
70) Pentachlorophenol	11.16	266	255507	63.233	ng		97
71) Phenanthrene	11.36	178	1357851	39.882	ng		98
72) Anthracene	11.42	178	1392568	40.722	ng		99
73) Carbazole	11.57	167	1368342	41.961	ng		99
74) Di-n-butylphthalate	11.89	149	1573190	41.875	ng		100
75) Fluoranthene	12.55	202	1534779	41.861	ng		98
77) Benzidine	12.67	184	305136	13.107	ng		95
78) Pyrene	12.79	202	1570046	37.633	ng		99
80) Butylbenzylphthalate	13.39	149	715685	40.756	ng		95
81) Benzo(a)anthracene	13.97	228	1296653	38.655	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	317150	24.372	ng		99
83) Chrysene	14.01	228	1268350	38.572	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	1013873	44.145	ng		100
85) Di-n-octyl phthalate	14.56	149	1695175	45.532	ng		99
86) Indeno(1,2,3-cd)pyrene	16.93	276	1229597	42.311	ng		99
88) Benzo(b)fluoranthene	15.02	252	1193001	39.477	ng		100
89) Benzo(k)fluoranthene	15.05	252	1135289	40.896	ng		99
90) Benzo(a)pyrene	15.39	252	1112998	41.848	ng		99
91) Dibenzo(a,h)anthracene	16.93	278	1024553	46.359	ng		100
92) Benzo(g,h,i)perylene	17.37	276	1061126	47.911	ng		99

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

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