Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114570.D
Acq On : 24 May 2019 15:23
Operator : JU/SJ
Sample : PB119776BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Manual Integrations APPROVED
mohammad
5/27/2019 3:48:07 AM

Quant Time: May 24 22:49:18 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	151833	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	592902	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	287662	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	584859	20.00	ng		0.00
76) Chrysene-d12	13.99	240	400464	20.00	ng		0.00
87) Perylene-d12	15.46	264	378196	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1210208	128.27	ng		0.01
7) Phenol-d6	6.47	99	1537131	137.75	ng		0.00
23) Nitrobenzene-d5	7.38	82	946801	89.62	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	395437	132.97	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1716884	90.28	ng		0.00
79) Terphenyl-d14	12.92	244	1822679	93.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	213023	41.077	ng		98
3) Pyridine	3.41	79	448909	31.418	ng		98
4) n-Nitrosodimethylamine	3.35	42	236624	34.342	ng		99
6) Aniline	6.48	93	434447	26.952	ng	#	23
8) 2-Chlorophenol	6.61	128	448059	44.484	ng		92
9) Benzaldehyde	6.37	77	219940	28.154	ng		97
10) Phenol	6.48	94	541723	41.267	ng		87
11) bis(2-Chloroethyl)ether	6.55	93	424194	42.564	ng		98
12) 1,3-Dichlorobenzene	6.76	146	462214	40.881	ng		98
13) 1,4-Dichlorobenzene	6.83	146	473089	41.524	ng		98
14) 1,2-Dichlorobenzene	6.99	146	441286	42.396	ng		97
15) Benzyl Alcohol	6.96	79	362303	41.628	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	761054	39.385	ng		61
17) 2-Methylphenol	7.08	107	349905	42.290	ng	#	92
18) Hexachloroethane	7.32	117	174473	40.798	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	304143	43.000	ng		99
20) 3+4-Methylphenols	7.23	107	461815	48.309	ng	#	67
22) Acetophenone	7.22	105	602964	45.906	ng	#	90
24) Nitrobenzene	7.40	77	468430	43.533	ng		97
25) Isophorone	7.63	82	851414	43.454	ng		99
26) 2-Nitrophenol	7.72	139	245107	46.950	ng		100
27) 2,4-Dimethylphenol	7.76	122	396210	48.322	ng		98
28) bis(2-Chloroethoxy)methane	7.84	93	542045	42.637	ng		98
29) 2,4-Dichlorophenol	7.96	162	375330	45.971	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	393892	42.426	ng		98
31) Naphthalene	8.12	128	1261831	45.561	ng		98
32) Benzoic acid	7.91	122	251521	43.750	ng		98
33) 4-Chloroaniline	8.17	127	312768	24.782	ng		99
34) Hexachlorobutadiene	8.23	225	215546	40.803	ng		99
35) Caprolactam	8.55	113	127962m	48.065	ng		
36) 4-Chloro-3-methylphenol	8.67	107	397701	48.392	ng		98
37) 2-Methylnaphthalene	8.81	142	859218	48.085	ng		98
38) 1-Methylnaphthalene	8.91	142	806017	47.899	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	391002	44.871	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	178495	45.916	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	249931	41.699	ng		98
44) 2,4,5-Trichlorophenol	9.15	196	263586	42.882	ng		95
46) 1,1'-Biphenyl	9.27	154	1050413	45.200	ng		97
47) 2-Chloronaphthalene	9.30	162	804695	43.026	ng		99
48) 2-Nitroaniline	9.40	65	273080	41.171	ng		92
49) Acenaphthylene	9.72	152	1278595	44.949	ng		99
50) Dimethylphthalate	9.57	163	927902	43.941	ng		99
51) 2,6-Dinitrotoluene	9.65	165	211487	45.153	ng	#	83
52) Acenaphthene	9.89	154	744887	42.674	ng		99
53) 3-Nitroaniline	9.82	138	158516	27.264	ng		95
54) 2,4-Dinitrophenol	9.94	184	178152	76.011	ng		93
55) Dibenzofuran	10.06	168	1083602	42.335	ng		99
56) 4-Nitrophenol	10.00	139	239365	58.215	ng		99
57) 2,4-Dinitrotoluene	10.06	165	260478	40.973	ng	#	80
58) Fluorene	10.40	166	901858	45.616	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	220412	41.558	ng		99
60) Diethylphthalate	10.27	149	938625	43.746	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	430079	44.291	ng		94
62) 4-Nitroaniline	10.43	138	226027	36.995	ng		97
63) Azobenzene	10.55	77	893387	43.016	ng		99
65) 4,6-Dinitro-2-methylphenol	10.47	198	124469	44.290	ng		96
66) n-Nitrosodiphenylamine	10.51	169	797871	44.949	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	271785	42.206	ng		95
68) Hexachlorobenzene	10.96	284	292260	41.025	ng		97
69) Atrazine	11.04	200	244030	44.177	ng		98
70) Pentachlorophenol	11.16	266	226589	67.098	ng		99
71) Phenanthrene	11.36	178	1282490	45.072	ng		98
72) Anthracene	11.42	178	1331560	46.591	ng		99
73) Carbazole	11.57	167	1233857	45.274	ng		98
74) Di-n-butylphthalate	11.89	149	1469881	46.814	ng		99
75) Fluoranthene	12.56	202	1378849	44.999	ng		99
77) Benzidine	12.67	184	627193	34.890	ng		95
78) Pyrene	12.79	202	1407012	43.675	ng		99
80) Butylbenzylphthalate	13.39	149	632328	46.633	ng		95
81) Benzo(a)anthracene	13.97	228	1137206	43.905	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	317631	31.611	ng	#	98
83) Chrysene	14.02	228	1138983	44.858	ng		98
84) Bis(2-ethylhexyl)phthalate	13.95	149	870908	49.108	ng		99
85) Di-n-octyl phthalate	14.57	149	1426377	49.616	ng		98
86) Indeno(1,2,3-cd)pyrene	16.94	276	961695	42.856	ng		99
88) Benzo(b)fluoranthene	15.03	252	1067739	44.068	ng		99
89) Benzo(k)fluoranthene	15.06	252	1048099	47.090	ng		99
90) Benzo(a)pyrene	15.40	252	1013557	47.532	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	808152	45.609	ng		98
92) Benzo(g,h,i)perylene	17.38	276	798785	44.984	ng		99

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

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