Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
Data File : BF115855.D
Acq On : 31 Jul 2019 9:43
Operator : HP/JU
Sample : PB121703BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Manual Integrations APPROVED
mohammad
8/1/2019 5:06:15 PM

Quant Time: Jul 31 18:35:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	144016	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	576612	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	312086	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	547338	20.00	ng	0.00
76) Chrysene-d12	14.03	240	434976	20.00	ng	0.00
87) Perylene-d12	15.50	264	480203	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1023686	118.99	ng	0.02
7) Phenol-d6	6.49	99	1311494	120.83	ng	0.00
23) Nitrobenzene-d5	7.42	82	857528	85.84	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	371330	122.72	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1489099	89.37	ng	0.00
79) Terphenyl-d14	12.97	244	1661523	80.49	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.72	88	188205	43.305	ng	99
3) Pyridine	3.46	79	482643	39.755	ng	99
4) n-Nitrosodimethylamine	3.40	42	215127	44.902	ng	98
6) Aniline	6.52	93	524570	33.747	ng	100
8) 2-Chlorophenol	6.65	128	447070	46.996	ng	96
9) Benzaldehyde	6.40	77	251219	33.545	ng	99
10) Phenol	6.50	94	581284	45.478	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	423379	45.054	ng	99
12) 1,3-Dichlorobenzene	6.80	146	481382	43.786	ng	99
13) 1,4-Dichlorobenzene	6.87	146	490895	44.594	ng	100
14) 1,2-Dichlorobenzene	7.03	146	451264	44.521	ng	100
15) Benzyl Alcohol	7.00	79	388529	47.169	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	566948	44.232	ng	99
17) 2-Methylphenol	7.11	107	372254	46.214	ng	100
18) Hexachloroethane	7.36	117	178555	44.056	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	305441	45.412	ng	100
20) 3+4-Methylphenols	7.26	107	448069	47.006	ng	88
22) Acetophenone	7.26	105	601689	47.580	ng	97
24) Nitrobenzene	7.43	77	501743	46.518	ng	98
25) Isophorone	7.67	82	894920	46.852	ng	100
26) 2-Nitrophenol	7.75	139	242970	47.788	ng	100
27) 2,4-Dimethylphenol	7.79	122	401989	52.552	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	537378	45.390	ng	100
29) 2,4-Dichlorophenol	7.99	162	388843	48.144	ng	100
30) 1,2,4-Trichlorobenzene	8.07	180	415401	45.120	ng	98
31) Naphthalene	8.16	128	1288741	47.495	ng	100
32) Benzoic acid	7.93	122	278324	51.608	ng	100
33) 4-Chloroaniline	8.20	127	313584	25.865	ng	99
34) Hexachlorobutadiene	8.27	225	233166	43.969	ng	99
35) Caprolactam	8.58	113	120389m	46.087	ng	
36) 4-Chloro-3-methylphenol	8.69	107	411461	48.970	ng	98
37) 2-Methylnaphthalene	8.85	142	875022	48.965	ng	99
38) 1-Methylnaphthalene	8.95	142	808897	47.847	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	385176	46.166	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	348251	92.017 ng	99
43) 2,4,6-Trichlorophenol	9.13	196	256956	44.744 ng	98
44) 2,4,5-Trichlorophenol	9.17	196	280434	47.240 ng	97
46) 1,1'-Biphenyl	9.32	154	1042804	47.329 ng	100
47) 2-Chloronaphthalene	9.35	162	820921	44.766 ng	100
48) 2-Nitroaniline	9.44	65	263951	43.546 ng	97
49) Acenaphthylene	9.76	152	1273208	47.590 ng	99
50) Dimethylphthalate	9.62	163	943335	44.393 ng	100
51) 2,6-Dinitrotoluene	9.68	165	214292	46.405 ng	95
52) Acenaphthene	9.93	154	764470	46.577 ng	100
53) 3-Nitroaniline	9.85	138	159098	27.883 ng	90
54) 2,4-Dinitrophenol	9.96	184	207026	87.348 ng	96
55) Dibenzofuran	10.10	168	1111943	46.586 ng	97
56) 4-Nitrophenol	10.02	139	383483	104.913 ng	99
57) 2,4-Dinitrotoluene	10.09	165	290995	47.329 ng	88
58) Fluorene	10.45	166	863928	47.045 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	236928	47.439 ng	99
60) Diethylphthalate	10.32	149	899180	45.323 ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	421982	45.372 ng	97
62) 4-Nitroaniline	10.47	138	250221	42.433 ng	100
63) Azobenzene	10.60	77	945202	46.320 ng	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	147270	50.774 ng	93
66) n-Nitrosodiphenylamine	10.56	169	772496	46.891 ng	99
67) 4-Bromophenyl-phenylether	10.93	248	261861	44.692 ng	93
68) Hexachlorobenzene	11.00	284	295512	43.616 ng	97
69) Atrazine	11.08	200	243918	45.006 ng	99
70) Pentachlorophenol	11.19	266	325296	98.893 ng	98
71) Phenanthrene	11.41	178	1298580	46.409 ng	100
72) Anthracene	11.46	178	1336602	47.200 ng	99
73) Carbazole	11.62	167	1204574	46.886 ng	99
74) Di-n-butylphthalate	11.94	149	1365775	45.571 ng	100
75) Fluoranthene	12.60	202	1373938	46.903 ng	99
77) Benzidine	12.72	184	817368	55.621 ng	98
78) Pyrene	12.83	202	1417636	43.235 ng	99
80) Butylbenzylphthalate	13.44	149	607220	43.780 ng	99
81) Benzo(a)anthracene	14.02	228	1249476	44.942 ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	310963	32.194 ng	99
83) Chrysene	14.06	228	1242892	46.048 ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	798787	44.318 ng	98
85) Di-n-octyl phthalate	14.62	149	1359657	47.493 ng	100
86) Indeno(1,2,3-cd)pyrene	16.98	276	1192284	52.593 ng	99
88) Benzo(b)fluoranthene	15.07	252	1210740	43.605 ng	97
89) Benzo(k)fluoranthene	15.10	252	1214304	44.901 ng	100
90) Benzo(a)pyrene	15.44	252	1165163	46.943 ng	99
91) Dibenzo(a,h)anthracene	17.00	278	999532	46.523 ng	99
92) Benzo(g,h,i)perylene	17.43	276	968334	45.892 ng	100

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

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