Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
Data File : BF115861.D
Acq On : 31 Jul 2019 13:05
Operator : HP/JU
Sample : PB121731BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121731BS

Manual Integrations APPROVED
mohammad
8/1/2019 5:06:23 PM

Quant Time: Jul 31 18:48:08 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	143810	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	575744	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	302651	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	522072	20.00	ng		0.00
76) Chrysene-d12	14.02	240	402767	20.00	ng		0.00
87) Perylene-d12	15.49	264	403987	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	970140	112.93	ng		0.02
7) Phenol-d6	6.49	99	1238098	114.23	ng		0.00
23) Nitrobenzene-d5	7.42	82	806074	80.82	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	343403	117.03	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1384653	85.69	ng		0.00
79) Terphenyl-d14	12.96	244	1521241	79.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	182174	41.977	ng		99
3) Pyridine	3.46	79	464531	38.318	ng		100
4) n-Nitrosodimethylamine	3.41	42	207407	43.353	ng		98
6) Aniline	6.52	93	510620	32.897	ng		99
8) 2-Chlorophenol	6.64	128	425142	44.755	ng		99
9) Benzaldehyde	6.40	77	245837	32.873	ng		99
10) Phenol	6.50	94	547590	42.903	ng		91
11) bis(2-Chloroethyl)ether	6.59	93	402791	42.924	ng		98
12) 1,3-Dichlorobenzene	6.79	146	464782	42.336	ng		98
13) 1,4-Dichlorobenzene	6.87	146	469202	42.685	ng		99
14) 1,2-Dichlorobenzene	7.02	146	433526	42.832	ng		97
15) Benzyl Alcohol	6.99	79	364679	44.337	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	533496	41.681	ng		99
17) 2-Methylphenol	7.10	107	354170	44.032	ng		99
18) Hexachloroethane	7.36	117	170051	42.018	ng		96
19) n-Nitroso-di-n-propylamine	7.26	70	287038	42.737	ng		97
20) 3+4-Methylphenols	7.26	107	421377	44.269	ng		91
22) Acetophenone	7.26	105	571846	45.288	ng	#	99
24) Nitrobenzene	7.43	77	467309	43.390	ng		97
25) Isophorone	7.67	82	840736	44.082	ng		99
26) 2-Nitrophenol	7.75	139	228611	45.031	ng		98
27) 2,4-Dimethylphenol	7.79	122	373246	48.868	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	500281	42.320	ng		100
29) 2,4-Dichlorophenol	7.99	162	357947	44.385	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	389622	42.383	ng		99
31) Naphthalene	8.16	128	1214184	44.815	ng		99
32) Benzoic acid	7.93	122	240379	44.639	ng		99
33) 4-Chloroaniline	8.20	127	279087	23.055	ng		99
34) Hexachlorobutadiene	8.27	225	219169	41.392	ng		99
35) Caprolactam	8.57	113	108721m	41.683	ng		
36) 4-Chloro-3-methylphenol	8.69	107	373531	44.523	ng		98
37) 2-Methylnaphthalene	8.85	142	808368	45.304	ng		99
38) 1-Methylnaphthalene	8.95	142	754535	44.699	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	361923	44.731	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	309124	84.726	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	235650	42.313	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	255832	44.439	ng		99
46) 1,1'-Biphenyl	9.32	154	954928	44.692	ng		99
47) 2-Chloronaphthalene	9.34	162	762074	42.852	ng		98
48) 2-Nitroaniline	9.43	65	239895	40.811	ng		88
49) Acenaphthylene	9.76	152	1176308	45.339	ng		99
50) Dimethylphthalate	9.62	163	856057	41.542	ng		100
51) 2,6-Dinitrotoluene	9.67	165	193614	43.234	ng	#	85
52) Acenaphthene	9.93	154	701279	44.059	ng		100
53) 3-Nitroaniline	9.85	138	148620	26.858	ng		93
54) 2,4-Dinitrophenol	9.96	184	175593	77.375	ng	#	89
55) Dibenzofuran	10.10	168	1048583	45.301	ng		100
56) 4-Nitrophenol	10.02	139	337609	95.242	ng		97
57) 2,4-Dinitrotoluene	10.09	165	261141	43.797	ng		95
58) Fluorene	10.45	166	792745	44.514	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	216405	44.681	ng		99
60) Diethylphthalate	10.32	149	806562	41.922	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	389804	43.219	ng		99
62) 4-Nitroaniline	10.47	138	224983	39.343	ng		95
63) Azobenzene	10.59	77	869148	43.921	ng		100
65) 4,6-Dinitro-2-methylphenol	10.50	198	127124	45.949	ng		98
66) n-Nitrosodiphenylamine	10.55	169	700310	44.566	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	238394	42.656	ng		98
68) Hexachlorobenzene	11.00	284	271948	42.081	ng		97
69) Atrazine	11.08	200	218510	42.269	ng		99
70) Pentachlorophenol	11.19	266	280545	89.416	ng		99
71) Phenanthrene	11.40	178	1168023	43.763	ng		100
72) Anthracene	11.46	178	1233132	45.653	ng		99
73) Carbazole	11.61	167	1094980	44.683	ng		100
74) Di-n-butylphthalate	11.94	149	1211792	42.390	ng		100
75) Fluoranthene	12.59	202	1247621	44.652	ng		97
77) Benzidine	12.71	184	680388	50.002	ng		98
78) Pyrene	12.83	202	1294771	42.646	ng		99
80) Butylbenzylphthalate	13.43	149	531455	41.381	ng		94
81) Benzo(a)anthracene	14.02	228	1104977	42.923	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	259787	29.047	ng	#	98
83) Chrysene	14.05	228	1103079	44.136	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	702360	42.085	ng		100
85) Di-n-octyl phthalate	14.60	149	1178270	44.449	ng		100
86) Indeno(1,2,3-cd)pyrene	16.96	276	953140	45.406	ng		99
88) Benzo(b)fluoranthene	15.06	252	999725	42.798	ng		97
89) Benzo(k)fluoranthene	15.09	252	1014108	44.572	ng		99
90) Benzo(a)pyrene	15.43	252	951284	45.557	ng		99
91) Dibenzo(a,h)anthracene	16.97	278	799525	44.234	ng		99
92) Benzo(g,h,i)perylene	17.40	276	790316	44.522	ng		98

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

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