Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
Data File : BF115523.D
Acq On : 12 Jul 2019 11:47
Operator : HP/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
7/15/2019 2:57:16 PM

Quant Time: Jul 12 14:06:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 12:28:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	187538	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	765028	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	365689	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	672623	20.00	ng	0.00
76) Chrysene-d12	14.05	240	367584	20.00	ng	0.00
87) Perylene-d12	15.52	264	348305	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1683737	138.71	ng	0.01
7) Phenol-d6	6.53	99	2150554	139.31	ng	0.01
23) Nitrobenzene-d5	7.46	82	2008097	155.09	ng	0.01
42) 2,4,6-Tribromophenol	10.72	330	619257	153.16	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2943226	141.23	ng	0.00
79) Terphenyl-d14	13.00	244	2961780	164.98	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.71	88	445771	74.872	ng	99
3) Pyridine	3.47	79	1230867	74.765	ng	98
4) n-Nitrosodimethylamine	3.45	42	452588	67.794	ng	96
6) Aniline	6.56	93	1507577	69.204	ng	99
8) 2-Chlorophenol	6.68	128	969121	70.708	ng	97
10) Phenol	6.55	94	1246352	67.479	ng	85
11) bis(2-Chloroethyl)ether	6.63	93	971092	70.872	ng	98
12) 1,3-Dichlorobenzene	6.83	146	1092682	72.768	ng	99
13) 1,4-Dichlorobenzene	6.91	146	1080065	71.808	ng	99
14) 1,2-Dichlorobenzene	7.07	146	953792	68.492	ng	99
15) Benzyl Alcohol	7.04	79	851731	68.757	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1266739	66.118	ng	98
17) 2-Methylphenol	7.14	107	871720	74.240	ng	99
18) Hexachloroethane	7.40	117	412580	73.634	ng	97
19) n-Nitroso-di-n-propylamine	7.32	70	714111	68.376	ng	98
20) 3+4-Methylphenols	7.30	107	911312	65.704	ng	97
22) Acetophenone	7.31	105	1251830	68.288	ng	96
24) Nitrobenzene	7.48	77	1068532	73.071	ng	100
25) Isophorone	7.72	82	2028173	72.265	ng	99
26) 2-Nitrophenol	7.79	139	573760	95.437	ng	98
27) 2,4-Dimethylphenol	7.83	122	851785	74.302	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	1208966	69.856	ng	99
29) 2,4-Dichlorophenol	8.03	162	853622	74.761	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	953953	75.048	ng	100
31) Naphthalene	8.20	128	2644483	69.593	ng	98
32) Benzoic acid	7.99	122	773940	98.803	ng	97
33) 4-Chloroaniline	8.24	127	1192114	70.314	ng	97
34) Hexachlorobutadiene	8.32	225	547376	75.933	ng	100
35) Caprolactam	8.65	113	269852m	72.564	ng	
36) 4-Chloro-3-methylphenol	8.73	107	885271	73.300	ng	100
37) 2-Methylnaphthalene	8.89	142	1753457	69.037	ng	98
38) 1-Methylnaphthalene	8.99	142	1662645	68.609	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	795553	75.620	ng	99
41) Hexachlorocyclopentadiene	9.05	237	492098	80.704	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.16	196	611710	79.867	ng		99
44) 2,4,5-Trichlorophenol	9.21	196	628094	79.086	ng		97
46) 1,1'-Biphenyl	9.36	154	2000502	69.586	ng		98
47) 2-Chloronaphthalene	9.38	162	1735873	73.058	ng		99
48) 2-Nitroaniline	9.47	65	573574	82.165	ng		99
49) Acenaphthylene	9.80	152	2487204	69.139	ng		99
50) Dimethylphthalate	9.66	163	2023535	73.724	ng		100
51) 2,6-Dinitrotoluene	9.72	165	477151	80.156	ng		97
52) Acenaphthene	9.97	154	1643871	72.608	ng		99
53) 3-Nitroaniline	9.89	138	550574	79.634	ng		96
54) 2,4-Dinitrophenol	9.99	184	280141	134.492	ng	#	92
55) Dibenzofuran	10.14	168	2179976	68.354	ng		96
56) 4-Nitrophenol	10.04	139	425532	79.552	ng		99
57) 2,4-Dinitrotoluene	10.12	165	614780	81.265	ng		99
58) Fluorene	10.48	166	1581104	62.890	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	505780	73.721	ng		100
60) Diethylphthalate	10.36	149	1847700	68.392	ng		98
62) 4-Nitroaniline	10.51	138	520645	76.718	ng		98
63) Azobenzene	10.63	77	1776895	63.805	ng		98
65) 4,6-Dinitro-2-methylphenol	10.53	198	344009	117.726	ng		96
66) n-Nitrosodiphenylamine	10.59	169	1545601	72.929	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	568069	75.267	ng		99
68) Hexachlorobenzene	11.03	284	652428	77.037	ng		99
70) Pentachlorophenol	11.22	266	407243	78.903	ng		99
71) Phenanthrene	11.45	178	2406780	68.036	ng		99
72) Anthracene	11.49	178	2424486	68.347	ng		98
73) Carbazole	11.65	167	2182410	67.250	ng		98
74) Di-n-butylphthalate	11.97	149	2598507	66.254	ng		98
75) Fluoranthene	12.63	202	2472873	66.392	ng		97
78) Pyrene	12.86	202	2496485	87.335	ng		99
80) Butylbenzylphthalate	13.47	149	1052734	84.290	ng		97
81) Benzo(a)anthracene	14.04	228	1814283	77.032	ng		98
82) 3,3'-Dichlorobenzidine	14.00	252	620032	72.551	ng		98
83) Chrysene	14.08	228	1844914	76.238	ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	1255081	81.146	ng	#	99
85) Di-n-octyl phthalate	14.64	149	2000972	72.671	ng		99
86) Indeno(1,2,3-cd)pyrene	17.02	276	1745505	83.343	ng		99
88) Benzo(b)fluoranthene	15.09	252	1706050	75.230	ng		98
89) Benzo(k)fluoranthene	15.13	252	1482337	73.499	ng		99
90) Benzo(a)pyrene	15.47	252	1481164	75.725	ng		99
91) Dibenzo(a,h)anthracene	17.03	278	1390007	83.163	ng		99
92) Benzo(g,h,i)perylene	17.46	276	1434478	90.673	ng		99

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

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