Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116610.D
Acq On : 28 Aug 2019 11:44
Operator : HP/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Jagrut
8/29/2019 7:46:46 PM

Quant Time: Aug 28 12:22:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 11:25:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	117537	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	482125	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	247106	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	416371	20.00	ng		0.00
76) Chrysene-d12	14.02	240	210506	20.00	ng		0.00
87) Perylene-d12	15.47	264	202994	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1128031	140.23	ng		0.00
7) Phenol-d6	6.50	99	1396579	141.59	ng		0.01
23) Nitrobenzene-d5	7.44	82	1347916	152.96	ng		0.01
42) 2,4,6-Tribromophenol	10.69	330	348789	164.38	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	2182608	142.24	ng		0.00
79) Terphenyl-d14	12.97	244	1948513	172.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	251393	72.180	ng		99
3) Pyridine	3.39	79	753879	71.078	ng		99
4) n-Nitrosodimethylamine	3.35	42	282054	72.846	ng		98
6) Aniline	6.54	93	953641	71.416	ng		100
8) 2-Chlorophenol	6.66	128	595990	70.602	ng		98
9) Benzaldehyde	6.42	77	352962	53.558	ng		97
10) Phenol	6.52	94	793716	74.104	ng		90
11) bis(2-Chloroethyl)ether	6.61	93	581228	71.271	ng		97
12) 1,3-Dichlorobenzene	6.82	146	674716	73.846	ng		98
13) 1,4-Dichlorobenzene	6.89	146	684878	77.883	ng		98
14) 1,2-Dichlorobenzene	7.05	146	632067	76.192	ng		98
15) Benzyl Alcohol	7.01	79	557767	69.877	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	774889	68.721	ng		99
17) 2-Methylphenol	7.12	107	518523	74.137	ng		98
18) Hexachloroethane	7.39	117	261420	76.225	ng		93
19) n-Nitroso-di-n-propylamine	7.29	70	447167	66.440	ng		99
20) 3+4-Methylphenols	7.28	107	613236	71.574	ng	#	90
22) Acetophenone	7.28	105	863394	71.616	ng	#	90
24) Nitrobenzene	7.46	77	691589	75.781	ng		98
25) Isophorone	7.70	82	1223137	70.432	ng		100
26) 2-Nitrophenol	7.77	139	333022	99.901	ng		100
27) 2,4-Dimethylphenol	7.80	122	485462	69.796	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	751624	70.084	ng		98
29) 2,4-Dichlorophenol	8.01	162	515862	77.987	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	583563	78.366	ng		99
31) Naphthalene	8.17	128	1711921	73.400	ng		98
32) Benzoic acid	7.95	122	423692	95.285	ng		99
33) 4-Chloroaniline	8.22	127	759129	74.143	ng		99
34) Hexachlorobutadiene	8.30	225	326810	80.472	ng		99
35) Caprolactam	8.60	113	164769m	71.512	ng		
36) 4-Chloro-3-methylphenol	8.70	107	548892	73.544	ng		97
37) 2-Methylnaphthalene	8.86	142	1142278	71.331	ng		97
38) 1-Methylnaphthalene	8.96	142	1070159	71.539	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	518250	77.953	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	309200	86.443	ng		98
43) 2,4,6-Trichlorophenol	9.14	196	372223	79.997	ng		98
44) 2,4,5-Trichlorophenol	9.18	196	376535	79.532	ng		97
46) 1,1'-Biphenyl	9.33	154	1438409	72.807	ng		98
47) 2-Chloronaphthalene	9.36	162	1137430	74.263	ng		98
48) 2-Nitroaniline	9.45	65	368465	78.570	ng		95
49) Acenaphthylene	9.77	152	1631656	72.814	ng		99
50) Dimethylphthalate	9.63	163	1266162	73.440	ng		100
51) 2,6-Dinitrotoluene	9.69	165	284432	80.601	ng		89
52) Acenaphthene	9.94	154	1086819	75.584	ng		97
53) 3-Nitroaniline	9.86	138	335414	79.737	ng		98
54) 2,4-Dinitrophenol	9.96	184	154926	139.631	ng	#	32
55) Dibenzofuran	10.11	168	1456005	72.641	ng		99
56) 4-Nitrophenol	10.01	139	255397	78.115	ng		98
57) 2,4-Dinitrotoluene	10.09	165	377189	83.999	ng		92
58) Fluorene	10.45	166	1091540	70.093	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	302587	77.838	ng		97
60) Diethylphthalate	10.33	149	1205892	71.164	ng		100
61) 4-Chlorophenyl-phenylether	10.45	204	541222	71.240	ng		98
62) 4-Nitroaniline	10.47	138	332726	80.876	ng		96
63) Azobenzene	10.60	77	1213992	69.677	ng		99
65) 4,6-Dinitro-2-methylphenol	10.50	198	188198	123.721	ng		98
66) n-Nitrosodiphenylamine	10.56	169	993083	73.660	ng		100
67) 4-Bromophenyl-phenylether	10.93	248	338791	77.612	ng		98
68) Hexachlorobenzene	11.00	284	378701	78.438	ng		99
69) Atrazine	11.09	200	288645	71.457	ng		97
70) Pentachlorophenol	11.19	266	231303	82.113	ng		99
71) Phenanthrene	11.41	178	1624710	71.629	ng		98
72) Anthracene	11.46	178	1635520	71.757	ng		99
73) Carbazole	11.61	167	1418614	69.340	ng		99
74) Di-n-butylphthalate	11.95	149	1703486	67.194	ng		100
75) Fluoranthene	12.59	202	1546612	65.953	ng		96
77) Benzidine	12.70	184	506763	59.835	ng		97
78) Pyrene	12.82	202	1539657	91.459	ng		100
80) Butylbenzylphthalate	13.43	149	596464	82.042	ng		96
81) Benzo(a)anthracene	14.00	228	1056637	77.502	ng		98
82) 3,3'-Dichlorobenzidine	13.96	252	348063	71.639	ng	#	97
83) Chrysene	14.04	228	1056806	76.476	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	683383	70.492	ng		98
85) Di-n-octyl phthalate	14.61	149	1044017	63.434	ng		100
86) Indeno(1,2,3-cd)pyrene	16.93	276	1102486	93.137	ng		99
88) Benzo(b)fluoranthene	15.05	252	918707	73.262	ng		99
89) Benzo(k)fluoranthene	15.08	252	897559	79.006	ng		97
90) Benzo(a)pyrene	15.42	252	861484	77.731	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	890236	97.753	ng		99
92) Benzo(g,h,i)perylene	17.38	276	914110	105.286	ng		99

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

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