Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116611.D
Acq On : 28 Aug 2019 12:11
Operator : HP/JU
Sample : SSTDICC100
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 28 13:35:59 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

Instrument : BNA_F
ClientSampleId : SSTDICC100

Manual Integrations APPROVED
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8/29/2019 7:46:48 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	120788	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	488134	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	249131	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	406085	20.00	ng		0.00
76) Chrysene-d12	14.02	240	206428	20.00	ng		0.00
87) Perylene-d12	15.47	264	213101	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1376670	166.53	ng		0.01
7) Phenol-d6	6.51	99	1714747	169.17	ng		0.02
23) Nitrobenzene-d5	7.44	82	1655771	185.58	ng		0.01
42) 2,4,6-Tribromophenol	10.70	330	418127	195.46	ng		0.01
45) 2-Fluorobiphenyl	9.23	172	2540938	164.25	ng		0.01
79) Terphenyl-d14	12.97	244	2269958	205.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	324234	90.588	ng		98
3) Pyridine	3.40	79	945162	86.714	ng		100
4) n-Nitrosodimethylamine	3.36	42	353420	88.821	ng		97
6) Aniline	6.55	93	1186633	86.472	ng		99
8) 2-Chlorophenol	6.66	128	733588	84.564	ng		98
9) Benzaldehyde	6.42	77	400268	59.102	ng		98
10) Phenol	6.52	94	979148	88.957	ng		83
11) bis(2-Chloroethyl)ether	6.61	93	730777	87.197	ng		99
12) 1,3-Dichlorobenzene	6.82	146	830649	88.465	ng		98
13) 1,4-Dichlorobenzene	6.89	146	841909	93.163	ng		99
14) 1,2-Dichlorobenzene	7.05	146	761892	89.370	ng		98
15) Benzyl Alcohol	7.02	79	676788	82.506	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	955556	82.463	ng		98
17) 2-Methylphenol	7.12	107	650669	90.527	ng		99
18) Hexachloroethane	7.39	117	322011	91.365	ng		91
19) n-Nitroso-di-n-propylamine	7.30	70	549324	79.422	ng		98
20) 3+4-Methylphenols	7.28	107	739358	83.972	ng		98
22) Acetophenone	7.29	105	1052239	86.206	ng	#	92
24) Nitrobenzene	7.46	77	831457	89.986	ng		97
25) Isophorone	7.70	82	1507829	85.757	ng		99
26) 2-Nitrophenol	7.77	139	411209	121.838	ng		96
27) 2,4-Dimethylphenol	7.81	122	621604	88.269	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	926970	85.370	ng		98
29) 2,4-Dichlorophenol	8.01	162	626949	93.615	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	709003	94.039	ng		99
31) Naphthalene	8.18	128	2058152	87.159	ng		99
32) Benzoic acid	7.96	122	570177	126.649	ng		98
33) 4-Chloroaniline	8.22	127	918630	88.616	ng		97
34) Hexachlorobutadiene	8.30	225	392489	95.454	ng		99
35) Caprolactam	8.62	113	198524m	85.102	ng		
36) 4-Chloro-3-methylphenol	8.70	107	661742	87.573	ng		97
37) 2-Methylnaphthalene	8.87	142	1362578	84.040	ng		97
38) 1-Methylnaphthalene	8.96	142	1291068	85.244	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	615148	91.776	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	380704	105.568	ng		98
43) 2,4,6-Trichlorophenol	9.14	196	450410	96.014	ng		97
44) 2,4,5-Trichlorophenol	9.18	196	458835	96.128	ng	#	93
46) 1,1'-Biphenyl	9.33	154	1679837	84.336	ng		98
47) 2-Chloronaphthalene	9.36	162	1356262	87.830	ng		97
48) 2-Nitroaniline	9.45	65	452115	95.624	ng		92
49) Acenaphthylene	9.77	152	1950991	86.357	ng		99
50) Dimethylphthalate	9.63	163	1536691	88.407	ng		99
51) 2,6-Dinitrotoluene	9.69	165	348279	97.891	ng		99
52) Acenaphthene	9.95	154	1288439	88.877	ng		98
53) 3-Nitroaniline	9.86	138	409186	96.484	ng		93
54) 2,4-Dinitrophenol	9.96	184	194479	173.855	ng	#	39
55) Dibenzofuran	10.12	168	1718570	85.044	ng		99
56) 4-Nitrophenol	10.01	139	312810	94.897	ng		92
57) 2,4-Dinitrotoluene	10.09	165	453738	100.225	ng		95
58) Fluorene	10.46	166	1280557	81.562	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	367395	93.741	ng		98
60) Diethylphthalate	10.33	149	1461887	85.570	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	642704	83.910	ng		96
62) 4-Nitroaniline	10.48	138	397006	95.716	ng		98
63) Azobenzene	10.60	77	1452062	82.664	ng		98
65) 4,6-Dinitro-2-methylphenol	10.50	198	227663	153.456	ng		93
66) n-Nitrosodiphenylamine	10.56	169	1192643	90.703	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	406435	95.467	ng		97
68) Hexachlorobenzene	11.00	284	451575	95.901	ng		95
69) Atrazine	11.09	200	336252	85.351	ng		97
70) Pentachlorophenol	11.19	266	277091	100.860	ng		99
71) Phenanthrene	11.42	178	1905777	86.149	ng		99
72) Anthracene	11.46	178	1917924	86.279	ng		99
73) Carbazole	11.62	167	1651257	82.755	ng		99
74) Di-n-butylphthalate	11.95	149	2021860	81.772	ng		99
75) Fluoranthene	12.60	202	1781704	77.902	ng		97
78) Pyrene	12.83	202	1781145	107.894	ng		99
80) Butylbenzylphthalate	13.44	149	698715	98.005	ng		95
81) Benzo(a)anthracene	14.00	228	1254212	93.811	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	397254	83.379	ng		99
83) Chrysene	14.04	228	1246640	91.996	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	827110	87.003	ng		99
85) Di-n-octyl phthalate	14.61	149	1302161	80.681	ng		100
86) Indeno(1,2,3-cd)pyrene	16.93	276	1447156	124.669	ng		99
88) Benzo(b)fluoranthene	15.05	252	1167188	88.663	ng		99
89) Benzo(k)fluoranthene	15.08	252	1113350	93.353	ng		98
90) Benzo(a)pyrene	15.42	252	1078814	92.723	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	1159168	121.246	ng		98
92) Benzo(g,h,i)perylene	17.39	276	1225081	134.412	ng		98

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

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