Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
Data File : BF112311.D
Acq On : 30 Jan 2019 9:18
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
2/1/2019 12:06:06 AM

Quant Time: Jan 30 10:26:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	196762	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	754404	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	361899	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	645353	20.00	ng		0.00
76) Chrysene-d12	14.00	240	422682	20.00	ng		0.00
87) Perylene-d12	15.47	264	394058	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	864677	93.34	ng		-0.01
7) Phenol-d6	6.49	99	1032996	80.25	ng		0.00
23) Nitrobenzene-d5	7.40	82	985601	75.28	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	306504	72.76	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	1925742	75.26	ng		0.00
79) Terphenyl-d14	12.94	244	1770804	78.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	180209	48.835	ng		96
3) Pyridine	3.33	79	462868	49.310	ng		99
4) n-Nitrosodimethylamine	3.28	42	186932	47.399	ng		94
6) Aniline	6.50	93	615396	40.190	ng	#	68
8) 2-Chlorophenol	6.63	128	496371	39.832	ng		99
9) Benzaldehyde	6.39	77	272091	40.442	ng		93
10) Phenol	6.50	94	557901	39.506	ng		92
11) bis(2-Chloroethyl)ether	6.57	93	442661	39.814	ng		99
12) 1,3-Dichlorobenzene	6.78	146	564269	38.880	ng		98
13) 1,4-Dichlorobenzene	6.86	146	578863	38.756	ng		98
14) 1,2-Dichlorobenzene	7.01	146	535095	38.264	ng		96
15) Benzyl Alcohol	6.99	79	407308	37.537	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	567610	39.762	ng		79
17) 2-Methylphenol	7.10	107	370462	37.501	ng		94
18) Hexachloroethane	7.35	117	196171	37.402	ng		96
19) n-Nitroso-di-n-propylamine	7.25	70	334061	37.637	ng		98
20) 3+4-Methylphenols	7.26	107	483086	38.242	ng	#	79
22) Acetophenone	7.25	105	685430	37.313	ng	#	96
24) Nitrobenzene	7.42	77	494120	37.789	ng		99
25) Isophorone	7.66	82	776720	37.815	ng		97
26) 2-Nitrophenol	7.74	139	269000	38.495	ng		95
27) 2,4-Dimethylphenol	7.78	122	365170	37.929	ng		94
28) bis(2-Chloroethoxy)methane	7.87	93	540129	38.620	ng		99
29) 2,4-Dichlorophenol	7.99	162	418330	38.827	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	483666	39.054	ng		98
31) Naphthalene	8.15	128	1316495	37.316	ng		99
32) Benzoic acid	7.91	122	192607m	35.071	ng		
33) 4-Chloroaniline	8.19	127	581075	37.827	ng		98
34) Hexachlorobutadiene	8.26	225	278251	38.287	ng		99
35) Caprolactam	8.57	113	140975	37.091	ng		99
36) 4-Chloro-3-methylphenol	8.69	107	414548	36.346	ng		100
37) 2-Methylnaphthalene	8.83	142	894702	37.046	ng		98
38) 1-Methylnaphthalene	8.93	142	850872	36.757	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	467025	39.304	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	32054	15.776	ng		96
43) 2,4,6-Trichlorophenol	9.12	196	289951	39.587	ng		97
44) 2,4,5-Trichlorophenol	9.17	196	300951	39.314	ng		98
46) 1,1'-Biphenyl	9.30	154	1203955	38.053	ng		99
47) 2-Chloronaphthalene	9.33	162	935454	38.128	ng		98
48) 2-Nitroaniline	9.42	65	255563	38.217	ng		91
49) Acenaphthylene	9.74	152	1350068	37.543	ng		99
50) Dimethylphthalate	9.59	163	1092085	38.840	ng		99
51) 2,6-Dinitrotoluene	9.66	165	240695	38.222	ng		90
52) Acenaphthene	9.91	154	810395	37.725	ng		100
53) 3-Nitroaniline	9.83	138	253625	37.176	ng	#	93
54) 2,4-Dinitrophenol	9.95	184	22854	11.308	ng		91
55) Dibenzofuran	10.08	168	1225672	37.336	ng		95
56) 4-Nitrophenol	10.02	139	108487	30.078	ng		97
57) 2,4-Dinitrotoluene	10.07	165	303019	37.797	ng	#	87
58) Fluorene	10.43	166	906371	36.896	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	219615	37.963	ng		96
60) Diethylphthalate	10.29	149	1084767	38.875	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	506733	37.920	ng		97
62) 4-Nitroaniline	10.45	138	238428	35.630	ng		97
63) Azobenzene	10.57	77	923161	37.618	ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	73848	20.410	ng		97
66) n-Nitrosodiphenylamine	10.53	169	886448	40.756	ng		100
67) 4-Bromophenyl-phenylether	10.90	248	306695	40.406	ng		98
68) Hexachlorobenzene	10.98	284	315128	38.697	ng		99
69) Atrazine	11.06	200	275409	39.243	ng		96
70) Pentachlorophenol	11.18	266	115153	36.341	ng		98
71) Phenanthrene	11.39	178	1233361	36.761	ng		99
72) Anthracene	11.44	178	1244863	37.248	ng		99
73) Carbazole	11.59	167	1168077	35.432	ng		99
74) Di-n-butylphthalate	11.92	149	1591879	38.902	ng		99
75) Fluoranthene	12.57	202	1136199	31.574	ng		100
77) Benzidine	12.69	184	409049	35.161	ng		96
78) Pyrene	12.80	202	1138146	38.892	ng		99
80) Butylbenzylphthalate	13.41	149	558787	39.467	ng		92
81) Benzo(a)anthracene	13.99	228	939277	37.802	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	368772	39.657	ng		99
83) Chrysene	14.03	228	916646	38.647	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	806763	40.142	ng		98
85) Di-n-octyl phthalate	14.58	149	1207300	39.044	ng		98
86) Indeno(1,2,3-cd)pyrene	16.95	276	741840	39.473	ng		97
88) Benzo(b)fluoranthene	15.04	252	878714	37.286	ng		99
89) Benzo(k)fluoranthene	15.07	252	896013	39.693	ng		99
90) Benzo(a)pyrene	15.41	252	816894	38.524	ng		100
91) Dibenzo(a,h)anthracene	16.95	278	640157	37.458	ng		99
92) Benzo(g,h,i)perylene	17.39	276	562982	34.917	ng		99

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

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