Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112231.D
Acq On : 25 Jan 2019 14:16
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Manual Integrations APPROVED
mohammad
1/29/2019 12:31:13 AM

Quant Time: Jan 25 15:40:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 25 15:22:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	196886	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	670334	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	345977	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	656980	20.00	ng		0.00
76) Chrysene-d12	14.01	240	606196	20.00	ng		0.00
87) Perylene-d12	15.47	264	487284	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	806395	74.34	ng		0.00
7) Phenol-d6	6.49	99	1054306	77.68	ng		0.00
23) Nitrobenzene-d5	7.41	82	1003448	103.42	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	282327	75.64	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1772345	75.10	ng		0.00
79) Terphenyl-d14	12.95	244	2284450	80.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	140903	27.696	ng		94
3) Pyridine	3.37	79	357978	28.094	ng		97
4) n-Nitrosodimethylamine	3.32	42	158316	30.601	ng		94
6) Aniline	6.51	93	633073	38.352	ng	#	68
8) 2-Chlorophenol	6.64	128	500058	39.693	ng		99
9) Benzaldehyde	6.39	77	272609	35.485	ng		98
10) Phenol	6.51	94	580085	39.109	ng		93
11) bis(2-Chloroethyl)ether	6.58	93	449828	38.142	ng		99
12) 1,3-Dichlorobenzene	6.79	146	565319	39.320	ng		98
13) 1,4-Dichlorobenzene	6.86	146	571158	38.837	ng		97
14) 1,2-Dichlorobenzene	7.02	146	533396	39.375	ng		98
15) Benzyl Alcohol	6.99	79	421091	41.645	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	556712	32.734	ng		86
17) 2-Methylphenol	7.11	107	379650	40.127	ng		95
18) Hexachloroethane	7.36	117	204272	41.616	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	341525	41.307	ng		96
20) 3+4-Methylphenols	7.26	107	483556	42.153	ng	#	81
22) Acetophenone	7.26	105	698498	44.978	ng	#	99
24) Nitrobenzene	7.43	77	508465	49.448	ng		100
25) Isophorone	7.67	82	766941	40.924	ng		98
26) 2-Nitrophenol	7.75	139	261568	53.882	ng		94
27) 2,4-Dimethylphenol	7.79	122	346273	39.806	ng		95
28) bis(2-Chloroethoxy)methane	7.87	93	498105	38.747	ng		99
29) 2,4-Dichlorophenol	7.99	162	385650	40.582	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	433191	39.280	ng		99
31) Naphthalene	8.15	128	1213116	39.789	ng		99
32) Benzoic acid	7.93	122	202641m	56.623	ng		
33) 4-Chloroaniline	8.20	127	529972	38.678	ng		98
34) Hexachlorobutadiene	8.27	225	250787	40.863	ng		99
35) Caprolactam	8.58	113	130399	39.206	ng		93
36) 4-Chloro-3-methylphenol	8.69	107	394338	42.487	ng		96
37) 2-Methylnaphthalene	8.84	142	830909	40.134	ng		98
38) 1-Methylnaphthalene	8.94	142	791382	39.774	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	425421	38.292	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	131228	36.045	ng		100
43) 2,4,6-Trichlorophenol	9.13	196	266574	40.110	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	282757	39.946	ng		97
46) 1,1'-Biphenyl	9.30	154	1119876	38.710	ng		99
47) 2-Chloronaphthalene	9.33	162	873631	38.579	ng		96
48) 2-Nitroaniline	9.43	65	244595	47.953	ng		90
49) Acenaphthylene	9.75	152	1289542	39.023	ng		99
50) Dimethylphthalate	9.60	163	985201	39.047	ng		100
51) 2,6-Dinitrotoluene	9.67	165	223181	44.292	ng	#	82
52) Acenaphthene	9.92	154	775815	38.371	ng		99
53) 3-Nitroaniline	9.84	138	244610	43.411	ng		90
54) 2,4-Dinitrophenol	9.95	184	73700	68.623	ng		91
55) Dibenzofuran	10.09	168	1182208	38.664	ng		96
56) 4-Nitrophenol	10.02	139	136236	38.901	ng		92
57) 2,4-Dinitrotoluene	10.08	165	291877	48.611	ng		94
58) Fluorene	10.43	166	821749	35.971	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	221532	41.474	ng		95
60) Diethylphthalate	10.30	149	997417	40.497	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	472440	38.324	ng		92
62) 4-Nitroaniline	10.46	138	237244	42.402	ng		93
63) Azobenzene	10.58	77	905856	38.407	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	144283	61.939	ng		92
66) n-Nitrosodiphenylamine	10.55	169	838476	38.605	ng		99
67) 4-Bromophenyl-phenylether	10.91	248	295343	38.703	ng		94
68) Hexachlorobenzene	10.99	284	311885	37.941	ng		96
69) Atrazine	11.07	200	273239	38.986	ng		96
70) Pentachlorophenol	11.19	266	121065	35.615	ng		98
71) Phenanthrene	11.40	178	1307456	39.544	ng		99
72) Anthracene	11.45	178	1180168	35.236	ng		100
73) Carbazole	11.60	167	1282235	38.217	ng		99
74) Di-n-butylphthalate	11.92	149	1572047	41.654	ng		99
75) Fluoranthene	12.59	202	1501230	43.004	ng		98
77) Benzidine	12.70	184	684454	33.841	ng		100
78) Pyrene	12.82	202	1546565	38.670	ng		99
80) Butylbenzylphthalate	13.42	149	753184	42.927	ng		98
81) Benzo(a)anthracene	14.00	228	1350554	38.856	ng		98
82) 3,3'-Dichlorobenzidine	13.96	252	504739	38.776	ng		98
83) Chrysene	14.04	228	1247626	37.935	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	1075436	42.768	ng		97
85) Di-n-octyl phthalate	14.59	149	1658892	42.817	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	869207	28.647	ng		97
88) Benzo(b)fluoranthene	15.05	252	1142084	41.290	ng		98
89) Benzo(k)fluoranthene	15.08	252	1058265	39.530	ng		98
90) Benzo(a)pyrene	15.42	252	1000234	39.432	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	727706	32.300	ng		99
92) Benzo(g,h,i)perylene	17.40	276	629866	28.378	ng		96

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

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