Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118749.D
Acq On : 30 Jan 2020 14:05
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
2/3/2020 7:56:50 AM

Quant Time: Jan 31 02:13:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:24:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	346254	20.00	ng		-0.02
21) Naphthalene-d8	8.13	136	1250181	20.00	ng		-0.02
39) Acenaphthene-d10	9.88	164	688511	20.00	ng		-0.02
64) Phenanthrene-d10	11.37	188	1226503	20.00	ng		-0.01
76) Chrysene-d12	14.01	240	814692	20.00	ng		-0.01
87) Perylene-d12	15.46	264	767042	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1529952	82.06	ng		-0.02
7) Phenol-d6	6.47	99	1909458	78.80	ng		-0.02
23) Nitrobenzene-d5	7.41	82	1728562	77.34	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	668495	83.94	ng		-0.02
45) 2-Fluorobiphenyl	9.20	172	3174517	75.78	ng		-0.02
79) Terphenyl-d14	12.95	244	3556443	95.21	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	342276	37.905	ng		100
3) Pyridine	3.34	79	962101	37.802	ng		99
4) n-Nitrosodimethylamine	3.29	42	352196	32.278	ng		100
6) Aniline	6.50	93	1241443	38.908	ng		99
8) 2-Chlorophenol	6.63	128	860226	41.108	ng		99
9) Benzaldehyde	6.39	77	557110	37.804	ng		99
10) Phenol	6.49	94	1063889	38.526	ng		97
11) bis(2-Chloroethyl)ether	6.58	93	805646	39.322	ng		98
12) 1,3-Dichlorobenzene	6.79	146	1017092	41.526	ng		99
13) 1,4-Dichlorobenzene	6.86	146	1005784	40.908	ng		98
14) 1,2-Dichlorobenzene	7.02	146	939900	40.666	ng		99
15) Benzyl Alcohol	6.98	79	740572	38.539	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	998536	34.990	ng		99
17) 2-Methylphenol	7.09	107	706151	40.512	ng		98
18) Hexachloroethane	7.36	117	357133	40.059	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	575120	35.150	ng		97
20) 3+4-Methylphenols	7.25	107	826257	38.825	ng		89
22) Acetophenone	7.26	105	1124577	37.972	ng	#	95
24) Nitrobenzene	7.43	77	876178	38.285	ng		96
25) Isophorone	7.67	82	1540180	37.780	ng		99
26) 2-Nitrophenol	7.74	139	462828	47.423	ng		98
27) 2,4-Dimethylphenol	7.78	122	627346	37.225	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	1021963	38.905	ng		99
29) 2,4-Dichlorophenol	7.98	162	763217	40.967	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	888329	41.124	ng		98
31) Naphthalene	8.15	128	2372802	42.015	ng		99
32) Benzoic acid	7.90	122	488894m	38.654	ng		
33) 4-Chloroaniline	8.19	127	1050406	40.241	ng		98
34) Hexachlorobutadiene	8.27	225	540824	41.113	ng		98
35) Caprolactam	8.57	113	233478	38.296	ng		98
36) 4-Chloro-3-methylphenol	8.67	107	744908	40.490	ng		100
37) 2-Methylnaphthalene	8.84	142	1619852	40.635	ng		99
38) 1-Methylnaphthalene	8.94	142	1525242	40.274	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	868412	40.310	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	431206	39.672	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	583520	40.818	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	592217	40.563	ng		97
46) 1,1'-Biphenyl	9.30	154	2007242	42.300	ng		99
47) 2-Chloronaphthalene	9.33	162	1662509	41.567	ng		99
48) 2-Nitroaniline	9.42	65	468824	38.132	ng		95
49) Acenaphthylene	9.75	152	2385775	42.401	ng		99
50) Dimethylphthalate	9.60	163	1885064	42.023	ng		98
51) 2,6-Dinitrotoluene	9.66	165	437116	43.517	ng		98
52) Acenaphthene	9.92	154	1548770	41.164	ng		100
53) 3-Nitroaniline	9.83	138	477095	41.596	ng		97
54) 2,4-Dinitrophenol	9.93	184	189975	47.374	ng	#	89
55) Dibenzofuran	10.09	168	2184790	41.902	ng		100
56) 4-Nitrophenol	9.99	139	342224	39.524	ng		99
57) 2,4-Dinitrotoluene	10.07	165	572390	45.202	ng		95
58) Fluorene	10.43	166	1617699	39.521	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	513090	39.955	ng		100
60) Diethylphthalate	10.30	149	1801483	41.421	ng		100
61) 4-Chlorophenyl-phenylether	10.42	204	886783	39.834	ng		95
62) 4-Nitroaniline	10.45	138	468605	39.830	ng		100
63) Azobenzene	10.58	77	1610653	38.239	ng		97
65) 4,6-Dinitro-2-methylphenol	10.47	198	277850	51.518	ng		87
66) n-Nitrosodiphenylamine	10.54	169	1515864	40.982	ng		99
67) 4-Bromophenyl-phenylether	10.91	248	624465	41.211	ng		95
68) Hexachlorobenzene	10.99	284	709518	41.300	ng	#	94
69) Atrazine	11.07	200	505981	39.467	ng		99
70) Pentachlorophenol	11.17	266	374555	39.214	ng		99
71) Phenanthrene	11.39	178	2441505	41.261	ng		99
72) Anthracene	11.45	178	2467321	42.141	ng		100
73) Carbazole	11.59	167	2183049	40.649	ng		100
74) Di-n-butylphthalate	11.93	149	2622189	43.947	ng		99
75) Fluoranthene	12.58	202	2544960	40.779	ng		99
77) Benzidine	12.69	184	1018985	46.811	ng		100
78) Pyrene	12.81	202	2506700	45.321	ng		99
80) Butylbenzylphthalate	13.43	149	1064151	47.011	ng		99
81) Benzo(a)anthracene	14.00	228	2045827	41.745	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	819015	46.900	ng		100
83) Chrysene	14.03	228	2006267	42.714	ng		100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1323368	47.852	ng		98
85) Di-n-octyl phthalate	14.60	149	2121144	51.817	ng		100
86) Indeno(1,2,3-cd)pyrene	16.92	276	1965499m	48.160	ng		
88) Benzo(b)fluoranthene	15.04	252	2037420	42.258	ng		100
89) Benzo(k)fluoranthene	15.07	252	1703307	38.132	ng		100
90) Benzo(a)pyrene	15.40	252	1698823	40.846	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	1619553	44.022	ng		100
92) Benzo(g,h,i)perylene	17.36	276	1620724	45.372	ng		99

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

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