Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114484.D
Acq On : 22 May 2019 10:13
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/23/2019 4:07:32 AM

Quant Time: May 22 13:58:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	185849	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	750799	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	354881	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	718985	20.00	ng		0.00
76) Chrysene-d12	14.00	240	503316	20.00	ng		0.00
87) Perylene-d12	15.47	264	466911	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	917878	79.48	ng		-0.01
7) Phenol-d6	6.48	99	1122077	82.15	ng		0.00
23) Nitrobenzene-d5	7.40	82	1067705	79.81	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	277968	75.76	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1824492	77.77	ng		0.00
79) Terphenyl-d14	12.94	244	1918876	78.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	218393	34.404	ng		100
3) Pyridine	3.33	79	603248	34.492	ng		100
4) n-Nitrosodimethylamine	3.29	42	291473	34.559	ng		97
6) Aniline	6.50	93	787039	39.889	ng	#	90
8) 2-Chlorophenol	6.62	128	517229	41.953	ng		95
9) Benzaldehyde	6.38	77	337060	35.249	ng		97
10) Phenol	6.49	94	644922	40.137	ng	#	73
11) bis(2-Chloroethyl)ether	6.56	93	503185	41.249	ng		99
12) 1,3-Dichlorobenzene	6.77	146	570992	41.259	ng		99
13) 1,4-Dichlorobenzene	6.85	146	574184	41.173	ng		98
14) 1,2-Dichlorobenzene	7.00	146	530619	41.647	ng		98
15) Benzyl Alcohol	6.98	79	409163	38.408	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	933901	39.484	ng		73
17) 2-Methylphenol	7.09	107	405406	40.030	ng	#	94
18) Hexachloroethane	7.34	117	214726	41.020	ng		99
19) n-Nitroso-di-n-propylamine	7.25	70	341136	39.402	ng		99
20) 3+4-Methylphenols	7.25	107	511280	43.694	ng	#	69
22) Acetophenone	7.24	105	683241	41.078	ng		91
24) Nitrobenzene	7.42	77	544314	39.947	ng		96
25) Isophorone	7.65	82	972460	39.194	ng		98
26) 2-Nitrophenol	7.73	139	273305	41.342	ng		99
27) 2,4-Dimethylphenol	7.77	122	397894	38.322	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	646130	40.135	ng		99
29) 2,4-Dichlorophenol	7.98	162	424720	41.080	ng		100
30) 1,2,4-Trichlorobenzene	8.06	180	473405	40.267	ng		99
31) Naphthalene	8.13	128	1439588	41.048	ng		98
32) Benzoic acid	7.92	122	221896m	32.609	ng		
33) 4-Chloroaniline	8.19	127	662533	41.456	ng		99
34) Hexachlorobutadiene	8.25	225	269057	40.222	ng		98
35) Caprolactam	8.57	113	148398	44.019	ng		87
36) 4-Chloro-3-methylphenol	8.68	107	446694	42.923	ng		99
37) 2-Methylnaphthalene	8.83	142	942256	41.642	ng		98
38) 1-Methylnaphthalene	8.93	142	892582	41.888	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	436710	40.624	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	150345	32.721	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	287719	38.911	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	288988	38.109	ng		98
46) 1,1'-Biphenyl	9.29	154	1154026	40.253	ng		98
47) 2-Chloronaphthalene	9.32	162	923890	40.042	ng		100
48) 2-Nitroaniline	9.42	65	333352	40.738	ng		100
49) Acenaphthylene	9.73	152	1417389	40.390	ng		99
50) Dimethylphthalate	9.59	163	1054760	40.487	ng		99
51) 2,6-Dinitrotoluene	9.66	165	235710	40.793	ng		97
52) Acenaphthene	9.90	154	845319	39.254	ng		99
53) 3-Nitroaniline	9.83	138	298696	41.643	ng		94
54) 2,4-Dinitrophenol	9.95	184	84339	33.325	ng		96
55) Dibenzofuran	10.07	168	1217623	38.561	ng		99
56) 4-Nitrophenol	10.01	139	174111	34.324	ng		94
57) 2,4-Dinitrotoluene	10.07	165	299773	38.223	ng	#	87
58) Fluorene	10.42	166	995172	40.802	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	248331	37.954	ng		99
60) Diethylphthalate	10.29	149	1043328	39.415	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	485776	40.551	ng		99
62) 4-Nitroaniline	10.44	138	315461	41.854	ng		98
63) Azobenzene	10.57	77	996173	38.880	ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	137848	39.900	ng		99
66) n-Nitrosodiphenylamine	10.53	169	876422	40.164	ng		98
67) 4-Bromophenyl-phenylether	10.89	248	309013	39.035	ng		97
68) Hexachlorobenzene	10.97	284	342823	39.146	ng		94
69) Atrazine	11.05	200	260963	38.429	ng		97
70) Pentachlorophenol	11.17	266	143132	34.478	ng		98
71) Phenanthrene	11.38	178	1444181	41.286	ng		98
72) Anthracene	11.43	178	1459852	41.551	ng		99
73) Carbazole	11.59	167	1417386	42.306	ng		97
74) Di-n-butylphthalate	11.91	149	1631499	42.268	ng		100
75) Fluoranthene	12.57	202	1571866	41.729	ng		98
77) Benzidine	12.69	184	867799	38.410	ng		97
78) Pyrene	12.80	202	1583143	39.100	ng		99
80) Butylbenzylphthalate	13.40	149	701334	41.152	ng		98
81) Benzo(a)anthracene	13.99	228	1356387	41.665	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	515726	40.838	ng	#	99
83) Chrysene	14.03	228	1295394	40.592	ng		98
84) Bis(2-ethylhexyl)phthalate	13.96	149	918612	41.213	ng		100
85) Di-n-octyl phthalate	14.57	149	1474656	40.813	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	1105003	39.180	ng		100
88) Benzo(b)fluoranthene	15.04	252	1202926	40.214	ng		99
89) Benzo(k)fluoranthene	15.07	252	1162795	42.317	ng		98
90) Benzo(a)pyrene	15.41	252	1083153	41.144	ng		100
91) Dibenzo(a,h)anthracene	16.96	278	917560	41.944	ng		98
92) Benzo(g,h,i)perylene	17.40	276	918055	41.877	ng		99

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

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