Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
Data File : BF113696.D
Acq On : 10 Apr 2019 14:51
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/11/2019 2:39:31 PM

Quant Time: Apr 10 15:31:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	173072	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	695273	20.00	ng		0.00
39) Acenaphthene-d10	9.71	164	342149	20.00	ng		-0.01
64) Phenanthrene-d10	11.19	188	673094	20.00	ng		-0.01
76) Chrysene-d12	13.83	240	471921	20.00	ng		-0.02
87) Perylene-d12	15.23	264	391594	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	809603	79.77	ng		0.00
7) Phenol-d6	6.34	99	980730	78.40	ng		0.00
23) Nitrobenzene-d5	7.26	82	945020	79.62	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	335127	81.54	ng		-0.01
45) 2-Fluorobiphenyl	9.04	172	1669548	78.56	ng		-0.01
79) Terphenyl-d14	12.77	244	1805818	77.91	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	176553	36.728	ng		98
3) Pyridine	3.02	79	472348	37.547	ng		99
4) n-Nitrosodimethylamine	2.97	42	211592	39.587	ng		97
6) Aniline	6.35	93	612156	40.372	ng	#	74
8) 2-Chlorophenol	6.47	128	476987	40.620	ng		95
9) Benzaldehyde	6.23	77	289084	38.866	ng		98
10) Phenol	6.35	94	569684	39.875	ng		96
11) bis(2-Chloroethyl)ether	6.42	93	458183	41.227	ng		99
12) 1,3-Dichlorobenzene	6.62	146	501438	39.652	ng		98
13) 1,4-Dichlorobenzene	6.70	146	508946	39.826	ng		99
14) 1,2-Dichlorobenzene	6.85	146	457238	39.639	ng		98
15) Benzyl Alcohol	6.84	79	319221	37.741	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	680247	39.324	ng		65
17) 2-Methylphenol	6.96	107	381207	41.890	ng	#	91
18) Hexachloroethane	7.19	117	185317	39.841	ng		99
19) n-Nitroso-di-n-propylamine	7.11	70	317432	41.151	ng		99
20) 3+4-Methylphenols	7.12	107	471497	42.761	ng		93
22) Acetophenone	7.10	105	619010	40.536	ng	#	97
24) Nitrobenzene	7.27	77	489929	40.080	ng		99
25) Isophorone	7.51	82	922730	40.355	ng		98
26) 2-Nitrophenol	7.59	139	273255	41.535	ng		96
27) 2,4-Dimethylphenol	7.64	122	373493	39.711	ng		97
28) bis(2-Chloroethoxy)methane	7.72	93	582089	40.266	ng		99
29) 2,4-Dichlorophenol	7.84	162	419089	41.646	ng		99
30) 1,2,4-Trichlorobenzene	7.91	180	431355	39.472	ng		98
31) Naphthalene	7.99	128	1320687	39.204	ng		100
32) Benzoic acid	7.82	122	260627	35.786	ng		97
33) 4-Chloroaniline	8.05	127	574539	43.012	ng		97
34) Hexachlorobutadiene	8.10	225	267992	40.224	ng		99
35) Caprolactam	8.44	113	134855m	42.216	ng		
36) 4-Chloro-3-methylphenol	8.55	107	426926	42.263	ng		98
37) 2-Methylnaphthalene	8.67	142	878265	39.640	ng		99
38) 1-Methylnaphthalene	8.77	142	851338	39.849	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	437305	39.520	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	106391	36.255	ng		99
43) 2,4,6-Trichlorophenol	8.96	196	272062	38.951	ng		97
44) 2,4,5-Trichlorophenol	9.02	196	291750	38.906	ng		98
46) 1,1'-Biphenyl	9.14	154	1105817	39.167	ng		100
47) 2-Chloronaphthalene	9.16	162	839172	39.256	ng		100
48) 2-Nitroaniline	9.27	65	270685	41.382	ng		96
49) Acenaphthylene	9.57	152	1335348	38.415	ng		99
50) Dimethylphthalate	9.45	163	979536	38.838	ng		100
51) 2,6-Dinitrotoluene	9.52	165	224215	40.331	ng		87
52) Acenaphthene	9.75	154	780610	39.230	ng		100
53) 3-Nitroaniline	9.69	138	259771	41.098	ng		96
54) 2,4-Dinitrophenol	9.80	184	109245	42.002	ng		91
55) Dibenzofuran	9.92	168	1135286	38.895	ng		99
56) 4-Nitrophenol	9.87	139	171886	43.838	ng		90
57) 2,4-Dinitrotoluene	9.92	165	273643	40.698	ng	#	83
58) Fluorene	10.26	166	916631	39.705	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.05	232	283710	43.709	ng		97
60) Diethylphthalate	10.14	149	962046	39.563	ng		98
61) 4-Chlorophenyl-phenylether	10.25	204	454981	40.068	ng		96
62) 4-Nitroaniline	10.30	138	247837	38.559	ng		98
63) Azobenzene	10.42	77	900404	39.107	ng		99
65) 4,6-Dinitro-2-methylphenol	10.34	198	144985	40.915	ng		98
66) n-Nitrosodiphenylamine	10.37	169	824815	39.916	ng		100
67) 4-Bromophenyl-phenylether	10.74	248	304541	40.342	ng		96
68) Hexachlorobenzene	10.82	284	344524	39.830	ng		97
69) Atrazine	10.90	200	263124	40.400	ng		96
70) Pentachlorophenol	11.02	266	173638	42.601	ng		98
71) Phenanthrene	11.22	178	1310817	39.191	ng		100
72) Anthracene	11.27	178	1350664	39.691	ng		100
73) Carbazole	11.43	167	1304657	40.992	ng		99
74) Di-n-butylphthalate	11.76	149	1489251	39.335	ng		100
75) Fluoranthene	12.40	202	1421255	39.655	ng		99
77) Benzidine	12.53	184	684662	39.014	ng		96
78) Pyrene	12.63	202	1439009	40.075	ng		99
80) Butylbenzylphthalate	13.24	149	598804	40.967	ng		96
81) Benzo(a)anthracene	13.82	228	1099385	40.384	ng		100
82) 3,3'-Dichlorobenzidine	13.78	252	440577	42.018	ng		99
83) Chrysene	13.86	228	1093428	39.622	ng		100
84) Bis(2-ethylhexyl)phthalate	13.80	149	749137	42.390	ng		99
85) Di-n-octyl phthalate	14.41	149	1118105	38.923	ng		100
86) Indeno(1,2,3-cd)pyrene	16.60	276	959500	37.658	ng		99
88) Benzo(b)fluoranthene	14.84	252	963056	40.177	ng		100
89) Benzo(k)fluoranthene	14.86	252	822963	38.254	ng		98
90) Benzo(a)pyrene	15.18	252	845599	39.699	ng		99
91) Dibenzo(a,h)anthracene	16.60	278	791310	39.727	ng		99
92) Benzo(g,h,i)perylene	17.00	276	825398	40.598	ng		99

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

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