Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051519\
Data File : BF114278.D
Acq On : 15 May 2019 12:00
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
5/16/2019 9:50:52 AM

Quant Time: May 16 01:39:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	291579	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1134058	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	509469	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	972942	20.00	ng		0.00
76) Chrysene-d12	14.03	240	668765	20.00	ng		0.01
87) Perylene-d12	15.53	264	618713	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1368389	75.52	ng		0.00
7) Phenol-d6	6.50	99	1710527	79.82	ng		0.01
23) Nitrobenzene-d5	7.42	82	1637525	81.03	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	386696	73.42	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	2530221	75.12	ng		0.00
79) Terphenyl-d14	12.96	244	2449848	75.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	360892	36.237	ng		100
3) Pyridine	3.39	79	1015135	36.995	ng		97
4) n-Nitrosodimethylamine	3.35	42	491472	37.142	ng		91
6) Aniline	6.52	93	1161207	37.512	ng	#	41
8) 2-Chlorophenol	6.65	128	784108	40.537	ng		96
9) Benzaldehyde	6.40	77	543351	36.218	ng		97
10) Phenol	6.52	94	959669	38.068	ng		76
11) bis(2-Chloroethyl)ether	6.59	93	808739	42.257	ng		99
12) 1,3-Dichlorobenzene	6.79	146	870802	40.106	ng		98
13) 1,4-Dichlorobenzene	6.87	146	873408	39.920	ng		98
14) 1,2-Dichlorobenzene	7.02	146	789007	39.472	ng		98
15) Benzyl Alcohol	7.00	79	654846	39.180	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1455834	39.232	ng		82
17) 2-Methylphenol	7.12	107	624436	39.299	ng	#	93
18) Hexachloroethane	7.36	117	330331	40.222	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	524071	38.582	ng		99
20) 3+4-Methylphenols	7.27	107	743181	40.482	ng	#	73
22) Acetophenone	7.26	105	1028786	40.950	ng		96
24) Nitrobenzene	7.43	77	843523	40.984	ng		100
25) Isophorone	7.67	82	1512843	40.367	ng		100
26) 2-Nitrophenol	7.75	139	422191	42.280	ng		99
27) 2,4-Dimethylphenol	7.79	122	581177	37.058	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	991324	40.767	ng		99
29) 2,4-Dichlorophenol	8.00	162	628635	40.254	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	706031	39.758	ng		97
31) Naphthalene	8.16	128	2118889	39.999	ng		99
32) Benzoic acid	7.93	122	442041	40.769	ng		98
33) 4-Chloroaniline	8.20	127	990272	41.023	ng		99
34) Hexachlorobutadiene	8.27	225	401697	39.756	ng		98
35) Caprolactam	8.58	113	219766m	43.158	ng		
36) 4-Chloro-3-methylphenol	8.70	107	651967	41.475	ng		99
37) 2-Methylnaphthalene	8.85	142	1387288	40.590	ng		97
38) 1-Methylnaphthalene	8.95	142	1306750	40.599	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	631335	40.908	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	245985	36.687	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	439461	41.399	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	440015	40.419	ng		94
46) 1,1'-Biphenyl	9.31	154	1649960	40.088	ng		98
47) 2-Chloronaphthalene	9.34	162	1330600	40.171	ng		98
48) 2-Nitroaniline	9.43	65	494963	42.134	ng		98
49) Acenaphthylene	9.75	152	1999409	39.687	ng		99
50) Dimethylphthalate	9.61	163	1504121	40.217	ng		99
51) 2,6-Dinitrotoluene	9.67	165	329155	39.680	ng		99
52) Acenaphthene	9.92	154	1192198	38.564	ng		98
53) 3-Nitroaniline	9.85	138	422906	41.070	ng		96
54) 2,4-Dinitrophenol	9.96	184	135945	36.589	ng		97
55) Dibenzofuran	10.09	168	1716237	37.859	ng		99
56) 4-Nitrophenol	10.02	139	267048	36.672	ng		96
57) 2,4-Dinitrotoluene	10.09	165	422260	37.504	ng		95
58) Fluorene	10.44	166	1353487	38.655	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	343829	36.604	ng		99
60) Diethylphthalate	10.30	149	1439761	37.888	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	667067	38.788	ng		97
62) 4-Nitroaniline	10.46	138	431650	39.892	ng		99
63) Azobenzene	10.59	77	1440807	39.171	ng		100
65) 4,6-Dinitro-2-methylphenol	10.50	198	198443	42.447	ng		88
66) n-Nitrosodiphenylamine	10.55	169	1188782	40.258	ng		100
67) 4-Bromophenyl-phenylether	10.92	248	434765	40.585	ng		96
68) Hexachlorobenzene	10.99	284	469192	39.591	ng		97
69) Atrazine	11.07	200	358092	38.968	ng		100
70) Pentachlorophenol	11.19	266	233517	41.567	ng		98
71) Phenanthrene	11.40	178	1913538	40.426	ng		99
72) Anthracene	11.45	178	1955383	41.128	ng		100
73) Carbazole	11.60	167	1856556	40.950	ng		100
74) Di-n-butylphthalate	11.93	149	2174355	41.629	ng		99
75) Fluoranthene	12.59	202	2021143	39.651	ng		97
77) Benzidine	12.70	184	837080	27.884	ng		97
78) Pyrene	12.82	202	2060928	38.308	ng		99
80) Butylbenzylphthalate	13.43	149	955377	42.190	ng		99
81) Benzo(a)anthracene	14.02	228	1814735	41.954	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	692089	41.245	ng	#	98
83) Chrysene	14.06	228	1703149	40.166	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1286719	43.447	ng		99
85) Di-n-octyl phthalate	14.64	149	2139441	44.563	ng		100
86) Indeno(1,2,3-cd)pyrene	17.03	276	1488523	39.721	ng		99
88) Benzo(b)fluoranthene	15.10	252	1748012	44.099	ng		98
89) Benzo(k)fluoranthene	15.14	252	1494007	41.031	ng		98
90) Benzo(a)pyrene	15.47	252	1496424	42.896	ng		99
91) Dibenzo(a,h)anthracene	17.04	278	1215350	41.926	ng		99
92) Benzo(g,h,i)perylene	17.47	276	1231841	42.404	ng		98

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

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