Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
Data File : BF115854.D
Acq On : 31 Jul 2019 7:59
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 31 18:20:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	156610	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	633253	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	330565	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	571442	20.00	ng	0.00
76) Chrysene-d12	14.03	240	419553	20.00	ng	0.00
87) Perylene-d12	15.49	264	380290	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	763008	81.56	ng	0.00
7) Phenol-d6	6.49	99	965576	81.81	ng	0.00
23) Nitrobenzene-d5	7.42	82	882935	80.48	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	255266	79.65	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1426326	80.82	ng	0.00
79) Terphenyl-d14	12.96	244	1558707	78.28	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.61	88	188352	39.854	ng	100
3) Pyridine	3.36	79	520007	39.388	ng	99
4) n-Nitrosodimethylamine	3.32	42	214163	41.106	ng	98
6) Aniline	6.52	93	694571	41.091	ng	100
8) 2-Chlorophenol	6.64	128	419131	40.516	ng	98
9) Benzaldehyde	6.40	77	326201	40.054	ng	99
10) Phenol	6.50	94	570906	41.074	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	415348	40.645	ng	99
12) 1,3-Dichlorobenzene	6.80	146	481801	40.300	ng	99
13) 1,4-Dichlorobenzene	6.87	146	483315	40.375	ng	100
14) 1,2-Dichlorobenzene	7.03	146	453426	41.137	ng	100
15) Benzyl Alcohol	7.00	79	373543	41.703	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	563008	40.392	ng	100
17) 2-Methylphenol	7.10	107	357426	40.804	ng	99
18) Hexachloroethane	7.37	117	178163	40.424	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	288988	39.511	ng	98
20) 3+4-Methylphenols	7.26	107	427642	41.255	ng	99
22) Acetophenone	7.26	105	559110	40.258	ng	98
24) Nitrobenzene	7.43	77	484963	40.940	ng	98
25) Isophorone	7.67	82	824305	39.295	ng	100
26) 2-Nitrophenol	7.75	139	224233	40.158	ng	99
27) 2,4-Dimethylphenol	7.79	122	341239	40.620	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	515376	39.638	ng	99
29) 2,4-Dichlorophenol	7.99	162	360339	40.624	ng	100
30) 1,2,4-Trichlorobenzene	8.08	180	411108	40.659	ng	99
31) Naphthalene	8.16	128	1206966	40.503	ng	100
32) Benzoic acid	7.93	122	215532	36.390	ng	98
33) 4-Chloroaniline	8.20	127	539719	40.536	ng	99
34) Hexachlorobutadiene	8.28	225	232311	39.889	ng	99
35) Caprolactam	8.59	113	114786	40.012	ng	99
36) 4-Chloro-3-methylphenol	8.69	107	368504	39.935	ng	98
37) 2-Methylnaphthalene	8.85	142	780063	39.747	ng	99
38) 1-Methylnaphthalene	8.95	142	740027	39.858	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	359344	40.662	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	143771	39.478	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	244330	40.167	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	253357	40.293	ng		99
46) 1,1'-Biphenyl	9.32	154	944650	40.477	ng		100
47) 2-Chloronaphthalene	9.35	162	793738	40.864	ng		100
48) 2-Nitroaniline	9.44	65	260176	40.524	ng		98
49) Acenaphthylene	9.76	152	1153745	40.714	ng		100
50) Dimethylphthalate	9.62	163	883085	39.235	ng		99
51) 2,6-Dinitrotoluene	9.68	165	194526	39.770	ng		96
52) Acenaphthene	9.93	154	697964	40.148	ng		99
53) 3-Nitroaniline	9.85	138	242211	40.076	ng		96
54) 2,4-Dinitrophenol	9.96	184	78917	36.436	ng		100
55) Dibenzofuran	10.10	168	1031774	40.811	ng		99
56) 4-Nitrophenol	10.01	139	156680	40.468	ng		99
57) 2,4-Dinitrotoluene	10.09	165	261829	40.205	ng		99
58) Fluorene	10.45	166	778717	40.034	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	216297	40.887	ng		97
60) Diethylphthalate	10.32	149	825456	39.282	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	397333	40.334	ng		99
62) 4-Nitroaniline	10.46	138	252367	40.405	ng		99
63) Azobenzene	10.60	77	854858	39.551	ng		96
65) 4,6-Dinitro-2-methylphenol	10.50	198	119756	39.546	ng		99
66) n-Nitrosodiphenylamine	10.55	169	696870	40.516	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	244559	39.978	ng		99
68) Hexachlorobenzene	11.00	284	284504	40.220	ng		99
69) Atrazine	11.08	200	220711	39.006	ng		99
70) Pentachlorophenol	11.19	266	136982	39.887	ng		98
71) Phenanthrene	11.41	178	1176334	40.267	ng		100
72) Anthracene	11.46	178	1179677	39.901	ng		99
73) Carbazole	11.61	167	1091729	40.701	ng		99
74) Di-n-butylphthalate	11.94	149	1218567	38.944	ng		99
75) Fluoranthene	12.60	202	1217295	39.802	ng		100
77) Benzidine	12.71	184	603222	42.558	ng		99
78) Pyrene	12.83	202	1250615	39.543	ng		100
80) Butylbenzylphthalate	13.43	149	516451	38.604	ng		95
81) Benzo(a)anthracene	14.02	228	1080219	40.282	ng		100
82) 3,3'-Dichlorobenzidine	13.97	252	384857	41.309	ng	#	98
83) Chrysene	14.05	228	1040116	39.951	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	664760	38.238	ng		100
85) Di-n-octyl phthalate	14.61	149	1057047	38.280	ng		100
86) Indeno(1,2,3-cd)pyrene	16.97	276	804922	36.811	ng		100
88) Benzo(b)fluoranthene	15.06	252	873862	39.741	ng		98
89) Benzo(k)fluoranthene	15.09	252	894250	41.754	ng		98
90) Benzo(a)pyrene	15.43	252	788229	40.101	ng		99
91) Dibenzo(a,h)anthracene	16.97	278	656177	38.565	ng		99
92) Benzo(g,h,i)perylene	17.41	276	637860	38.172	ng		98

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

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