Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116040.D
Acq On : 7 Aug 2019 10:27
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 07 13:05:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	179680	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	756057	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	407063	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	688794	20.00	ng	0.00
76) Chrysene-d12	14.01	240	461164	20.00	ng	0.00
87) Perylene-d12	15.47	264	429388	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	868921	80.96	ng	0.00
7) Phenol-d6	6.49	99	1116034	82.41	ng	0.00
23) Nitrobenzene-d5	7.42	82	1067307	81.49	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	322364	81.68	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1746391	80.36	ng	0.00
79) Terphenyl-d14	12.95	244	1887411	86.24	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.61	88	205087	37.823	ng	100
3) Pyridine	3.36	79	559801	36.958	ng	100
4) n-Nitrosodimethylamine	3.33	42	230422	38.549	ng	100
6) Aniline	6.52	93	769780	39.693	ng	100
8) 2-Chlorophenol	6.64	128	509024	42.888	ng	100
9) Benzaldehyde	6.40	77	342482	36.654	ng	100
10) Phenol	6.50	94	647450	40.600	ng	100
11) bis(2-Chloroethyl)ether	6.59	93	509025	43.416	ng	100
12) 1,3-Dichlorobenzene	6.79	146	565543	41.230	ng	100
13) 1,4-Dichlorobenzene	6.86	146	563628	41.039	ng	100
14) 1,2-Dichlorobenzene	7.02	146	514019	40.646	ng	100
15) Benzyl Alcohol	6.99	79	427708	41.619	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	687096	42.965	ng	100
17) 2-Methylphenol	7.10	107	433540	43.139	ng	100
18) Hexachloroethane	7.36	117	215004	42.520	ng	100
19) n-Nitroso-di-n-propylamine	7.27	70	366859	43.718	ng	100
20) 3+4-Methylphenols	7.26	107	496390	41.739	ng	100
22) Acetophenone	7.26	105	669594	40.382	ng	100
24) Nitrobenzene	7.43	77	578660	40.916	ng	100
25) Isophorone	7.67	82	1070992	42.762	ng	100
26) 2-Nitrophenol	7.75	139	295905	44.386	ng	100
27) 2,4-Dimethylphenol	7.79	122	407013	40.580	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	675286	43.501	ng	100
29) 2,4-Dichlorophenol	7.99	162	451740	42.656	ng	100
30) 1,2,4-Trichlorobenzene	8.07	180	504046	41.754	ng	100
31) Naphthalene	8.15	128	1466572	41.221	ng	100
32) Benzoic acid	7.95	122	290664	41.104	ng	100
33) 4-Chloroaniline	8.20	127	635520	39.978	ng	100
34) Hexachlorobutadiene	8.27	225	291474	41.919	ng	100
35) Caprolactam	8.59	113	138467	40.427	ng	100
36) 4-Chloro-3-methylphenol	8.69	107	475262	43.138	ng	100
37) 2-Methylnaphthalene	8.84	142	981381	41.883	ng	100
38) 1-Methylnaphthalene	8.94	142	934571	42.160	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	456114	41.913	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	177090	39.487	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	299570	39.993	ng	100
44) 2,4,5-Trichlorophenol	9.17	196	317521	41.008	ng	100
46) 1,1'-Biphenyl	9.30	154	1175294	40.896	ng	100
47) 2-Chloronaphthalene	9.33	162	972863	40.673	ng	100
48) 2-Nitroaniline	9.43	65	323884	40.966	ng	100
49) Acenaphthylene	9.75	152	1426167	40.870	ng	100
50) Dimethylphthalate	9.60	163	1180952	42.608	ng	100
51) 2,6-Dinitrotoluene	9.67	165	257699	42.784	ng	100
52) Acenaphthene	9.92	154	860417	40.192	ng	100
53) 3-Nitroaniline	9.85	138	292584	39.313	ng	100
54) 2,4-Dinitrophenol	9.96	184	104242	38.516	ng	100
55) Dibenzofuran	10.09	168	1246554	40.040	ng	100
56) 4-Nitrophenol	10.01	139	166745	34.974	ng	100
57) 2,4-Dinitrotoluene	10.08	165	320245	39.933	ng	100
58) Fluorene	10.43	166	981070	40.959	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	270114	41.465	ng	100
60) Diethylphthalate	10.30	149	1100140	42.515	ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	499896	41.209	ng	100
62) 4-Nitroaniline	10.46	138	297997	38.744	ng	100
63) Azobenzene	10.58	77	1132844	42.563	ng	100
65) 4,6-Dinitro-2-methylphenol	10.50	198	162779	44.595	ng	100
66) n-Nitrosodiphenylamine	10.55	169	885271	42.701	ng	100
67) 4-Bromophenyl-phenylether	10.91	248	323503	43.874	ng	100
68) Hexachlorobenzene	10.99	284	357605	41.941	ng	100
69) Atrazine	11.07	200	230757	33.833	ng	100
70) Pentachlorophenol	11.18	266	145154	35.066	ng	100
71) Phenanthrene	11.40	178	1423701	40.432	ng	100
72) Anthracene	11.45	178	1467099	41.168	ng	100
73) Carbazole	11.60	167	1340694	41.467	ng	100
74) Di-n-butylphthalate	11.92	149	1647350	43.678	ng	100
75) Fluoranthene	12.59	202	1489669	40.410	ng	100
77) Benzidine	12.70	184	694657	44.586	ng	100
78) Pyrene	12.82	202	1486134	42.750	ng	100
80) Butylbenzylphthalate	13.42	149	681146	46.321	ng	100
81) Benzo(a)anthracene	14.00	228	1273349	43.200	ng	100
82) 3,3'-Dichlorobenzidine	13.96	252	449549	43.899	ng	100
83) Chrysene	14.04	228	1204188	42.080	ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	955413	49.998	ng	100
85) Di-n-octyl phthalate	14.59	149	1460821	48.129	ng	100
86) Indeno(1,2,3-cd)pyrene	16.95	276	967804	40.267	ng	100
88) Benzo(b)fluoranthene	15.05	252	1097315	44.197	ng	100
89) Benzo(k)fluoranthene	15.08	252	988418	40.873	ng	100
90) Benzo(a)pyrene	15.42	252	936152	42.180	ng	100
91) Dibenzo(a,h)anthracene	16.96	278	798347	41.556	ng	100
92) Benzo(g,h,i)perylene	17.39	276	761601	40.366	ng	100

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

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