Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
Data File : BF121335.D
Acq On : 20 Aug 2020 8:51
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 20 11:43:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 04:56:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	151807	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	562917	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	294923	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	565718	20.00	ng	0.00
76) Chrysene-d12	13.84	240	442769	20.00	ng	0.00
86) Perylene-d12	15.25	264	457897	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	682018	73.67	ng	0.00
7) Phenol-d6	6.34	99	869096	73.54	ng	0.00
23) Nitrobenzene-d5	7.26	82	789758	79.35	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	261332	76.04	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1335387	87.27	ng	0.00
79) Terphenyl-d14	12.80	244	1483524	65.48	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.32	88	156058	37.251	ng	100
3) Pyridine	3.01	79	422595	37.584	ng	99
4) n-Nitrosodimethylamine	2.97	42	169825	37.108	ng	100
6) Aniline	6.36	93	508218	37.240	ng	98
8) 2-Chlorophenol	6.48	128	360412	37.247	ng	99
9) Benzaldehyde	6.24	77	252398	37.961	ng	95
10) Phenol	6.35	94	433745	35.001	ng	99
11) bis(2-Chloroethyl)ether	6.43	93	348369	36.501	ng	99
12) 1,3-Dichlorobenzene	6.63	146	402012	37.083	ng	99
13) 1,4-Dichlorobenzene	6.71	146	405398	37.043	ng	99
14) 1,2-Dichlorobenzene	6.86	146	368109	35.319	ng	99
15) Benzyl Alcohol	6.85	79	262484	36.912	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.97	45	514927	36.642	ng	100
17) 2-Methylphenol	6.96	107	291037	36.452	ng	98
18) Hexachloroethane	7.20	117	149728	36.743	ng	99
19) n-Nitroso-di-n-propylamine	7.12	70	225001	35.399	ng	100
20) 3+4-Methylphenols	7.12	107	335915	41.938	ng	98
22) Acetophenone	7.11	105	469215	35.653	ng	99
24) Nitrobenzene	7.28	77	372671	36.737	ng	99
25) Isophorone	7.52	82	654375	36.127	ng	99
26) 2-Nitrophenol	7.60	139	197265	37.916	ng	99
27) 2,4-Dimethylphenol	7.64	122	273723	36.871	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	450901	36.569	ng	99
29) 2,4-Dichlorophenol	7.84	162	302164	37.280	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	340447	36.731	ng	100
31) Naphthalene	8.00	128	1024568	36.571	ng	100
32) Benzoic acid	7.78	122	214231	38.542	ng	96
33) 4-Chloroaniline	8.05	127	453416	36.549	ng	97
34) Hexachlorobutadiene	8.12	225	201038	36.651	ng	99
35) Caprolactam	8.43	113	101685	38.306	ng	100
36) 4-Chloro-3-methylphenol	8.54	107	302508	36.902	ng	99
37) 2-Methylnaphthalene	8.69	142	669248	36.855	ng	100
38) 1-Methylnaphthalene	8.79	142	635468	36.805	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	320663	36.633	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	117655	37.496	ng	100
43) 2,4,6-Trichlorophenol	8.97	196	224529	37.520	ng	100
44) 2,4,5-Trichlorophenol	9.01	196	229686	37.307	ng	99
46) 1,1'-Biphenyl	9.15	154	809359	36.615	ng	100
47) 2-Chloronaphthalene	9.17	162	659695	36.225	ng	99
48) 2-Nitroaniline	9.28	65	214595	37.426	ng	89
49) Acenaphthylene	9.59	152	999146	36.938	ng	100
50) Dimethylphthalate	9.46	163	787615	36.708	ng	100
51) 2,6-Dinitrotoluene	9.52	165	172804	37.711	ng	99
52) Acenaphthene	9.76	154	598543	36.418	ng	99
53) 3-Nitroaniline	9.69	138	215110	37.526	ng	98
54) 2,4-Dinitrophenol	9.80	184	90544	40.986	ng	96
55) Dibenzofuran	9.93	168	880073	41.537	ng	99
56) 4-Nitrophenol	9.86	139	139134	39.356	ng	97
57) 2,4-Dinitrotoluene	9.92	165	217981	38.993	ng	94
58) Fluorene	10.27	166	659415	42.376	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	199557	37.917	ng	99
60) Diethylphthalate	10.16	149	765562	36.539	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	325935	41.458	ng	99
62) 4-Nitroaniline	10.30	138	219708	37.407	ng	99
63) Azobenzene	10.43	77	712007	36.587	ng	99
65) 4,6-Dinitro-2-methylphenol	10.33	198	122426	40.466	ng	99
66) n-Nitrosodiphenylamine	10.39	169	643289	36.865	ng	99
67) 4-Bromophenyl-phenylether	10.76	248	229318	36.543	ng	99
68) Hexachlorobenzene	10.82	284	263722	36.459	ng	98
69) Atrazine	10.92	200	201740	37.320	ng	98
70) Pentachlorophenol	11.02	266	130252	40.471	ng	99
71) Phenanthrene	11.23	178	1033993	35.315	ng	99
72) Anthracene	11.29	178	1031946	36.600	ng	100
73) Carbazole	11.45	167	999259	37.136	ng	99
74) Di-n-butylphthalate	11.77	149	1193668	36.788	ng	100
75) Fluoranthene	12.42	202	1148097	36.127	ng	99
77) Benzidine	12.54	184	532414	43.646	ng	100
78) Pyrene	12.64	202	1170578	35.195	ng	99
80) Butylbenzylphthalate	13.27	149	522298	36.546	ng	100
81) Benzo(a)anthracene	13.83	228	921889	33.522	ng	100
82) 3,3'-Dichlorobenzidine	13.80	252	397448	37.641	ng	100
83) Chrysene	13.87	228	1005502	35.749	ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	590336	35.125	ng	100
85) Di-n-octyl phthalate	14.44	149	1182412	38.016	ng	100
87) Indeno(1,2,3-cd)pyrene	16.61	276	1047295	37.469	ng	100
88) Benzo(b)fluoranthene	14.86	252	1056144	35.702	ng	98
89) Benzo(k)fluoranthene	14.89	252	939980	36.098	ng	98
90) Benzo(a)pyrene	15.20	252	929989	36.385	ng	98
91) Dibenzo(a,h)anthracene	16.62	278	848795	37.037	ng	99
92) Benzo(g,h,i)perylene	17.02	276	844462	37.692	ng	100

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

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