Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081920\
Data File : BF121329.D
Acq On : 19 Aug 2020 20:30
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Aug 20 03:01:24 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 02:55:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	157712	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	581457	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	298946	20.00	ng		0.00
64) Phenanthrene-d10	11.21	188	553011	20.00	ng		0.00
76) Chrysene-d12	13.84	240	364581	20.00	ng		0.00
86) Perylene-d12	15.25	264	333469	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	860035	89.21	ng		0.00
7) Phenol-d6	6.35	99	1089739	88.61	ng		0.00
23) Nitrobenzene-d5	7.27	82	929481	90.50	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	306052	86.07	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1514257	81.88	ng		0.00
79) Terphenyl-d14	12.80	244	1563348	89.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	204446	47.147	ng		99
3) Pyridine	3.01	79	549595	46.901	ng		99
4) n-Nitrosodimethylamine	2.97	42	227481	47.690	ng		99
6) Aniline	6.36	93	629201	44.202	ng		93
8) 2-Chlorophenol	6.48	128	456981	45.247	ng		97
9) Benzaldehyde	6.25	77	323446	44.263	ng		96
10) Phenol	6.36	94	531181	42.680	ng		98
11) bis(2-Chloroethyl)ether	6.44	93	455864	45.833	ng		98
12) 1,3-Dichlorobenzene	6.63	146	506801	44.663	ng		99
13) 1,4-Dichlorobenzene	6.71	146	511897	44.974	ng		99
14) 1,2-Dichlorobenzene	6.87	146	455769	43.872	ng		98
15) Benzyl Alcohol	6.85	79	324110	42.289	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	656595	44.386	ng		96
17) 2-Methylphenol	6.96	107	372824	44.940	ng		98
18) Hexachloroethane	7.20	117	193204	45.299	ng		98
19) n-Nitroso-di-n-propylamine	7.12	70	283692	41.870	ng		100
20) 3+4-Methylphenols	7.12	107	402857	41.439	ng	#	86
22) Acetophenone	7.11	105	589337	43.371	ng	#	99
24) Nitrobenzene	7.29	77	481876	46.158	ng		97
25) Isophorone	7.53	82	855994	45.312	ng		98
26) 2-Nitrophenol	7.60	139	257993	47.640	ng		97
27) 2,4-Dimethylphenol	7.65	122	352144	45.748	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	581458	45.429	ng		99
29) 2,4-Dichlorophenol	7.85	162	385456	46.224	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	432549	45.413	ng		99
31) Naphthalene	8.00	128	1281481	44.695	ng		99
32) Benzoic acid	7.80	122	289495	56.307	ng		97
33) 4-Chloroaniline	8.06	127	583375	45.548	ng		98
34) Hexachlorobutadiene	8.12	225	253775	44.726	ng		99
35) Caprolactam	8.45	113	130592	46.661	ng		90
36) 4-Chloro-3-methylphenol	8.55	107	386834	45.049	ng		98
37) 2-Methylnaphthalene	8.69	142	830535	43.857	ng		99
38) 1-Methylnaphthalene	8.79	142	787795	43.992	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	404070	45.890	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	164963	59.181	ng		99
43) 2,4,6-Trichlorophenol	8.97	196	282713	46.565	ng		98
44) 2,4,5-Trichlorophenol	9.02	196	293281	47.000	ng		98
46) 1,1'-Biphenyl	9.16	154	986592	44.137	ng		99
47) 2-Chloronaphthalene	9.18	162	824262	45.047	ng		98
48) 2-Nitroaniline	9.28	65	269538	46.339	ng		96
49) Acenaphthylene	9.59	152	1213292	44.412	ng		99
50) Dimethylphthalate	9.46	163	979709	44.275	ng		100
51) 2,6-Dinitrotoluene	9.53	165	215584	45.799	ng		94
52) Acenaphthene	9.76	154	739056	44.507	ng		99
53) 3-Nitroaniline	9.69	138	270597	46.627	ng		94
54) 2,4-Dinitrophenol	9.80	184	121400	53.987	ng		92
55) Dibenzofuran	9.93	168	1059170	43.465	ng		98
56) 4-Nitrophenol	9.86	139	175072	48.872	ng		94
57) 2,4-Dinitrotoluene	9.93	165	253954	44.424	ng		92
58) Fluorene	10.28	166	761491	41.188	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	253032	47.229	ng		99
60) Diethylphthalate	10.16	149	942773	43.279	ng		100
61) 4-Chlorophenyl-phenylether	10.27	204	384259	41.038	ng		98
62) 4-Nitroaniline	10.31	138	268981	45.232	ng		100
63) Azobenzene	10.43	77	879775	43.898	ng		97
65) 4,6-Dinitro-2-methylphenol	10.34	198	152664	50.943	ng		96
66) n-Nitrosodiphenylamine	10.39	169	776728	45.659	ng		99
67) 4-Bromophenyl-phenylether	10.76	248	281406	45.508	ng		97
68) Hexachlorobenzene	10.83	284	318532	45.200	ng		94
69) Atrazine	10.92	200	238281	44.465	ng		99
70) Pentachlorophenol	11.02	266	165699	51.460	ng		99
71) Phenanthrene	11.24	178	1203574	43.801	ng		100
72) Anthracene	11.29	178	1222322	44.647	ng		100
73) Carbazole	11.44	167	1148701	43.888	ng		100
74) Di-n-butylphthalate	11.77	149	1402537	42.313	ng		99
75) Fluoranthene	12.42	202	1291078	42.539	ng		98
77) Benzidine	12.54	184	461254	54.297	ng		100
78) Pyrene	12.65	202	1302061	48.826	ng		100
80) Butylbenzylphthalate	13.27	149	574450	46.643	ng		99
81) Benzo(a)anthracene	13.84	228	955541	44.747	ng		99
82) 3,3'-Dichlorobenzidine	13.80	252	400451	45.313	ng	#	98
83) Chrysene	13.87	228	1052396	45.607	ng		99
84) Bis(2-ethylhexyl)phthalate	13.83	149	627277	42.489	ng		100
85) Di-n-octyl phthalate	14.44	149	1176786	41.766	ng		100
87) Indeno(1,2,3-cd)pyrene	16.60	276	943220	45.920	ng		100
88) Benzo(b)fluoranthene	14.86	252	992059	46.727	ng		98
89) Benzo(k)fluoranthene	14.89	252	885093	46.124	ng		98
90) Benzo(a)pyrene	15.19	252	863468	46.552	ng		99
91) Dibenzo(a,h)anthracene	16.62	278	766773	45.516	ng		99
92) Benzo(g,h,i)perylene	17.01	276	768916	46.972	ng		98

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

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