Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061620\
Data File : BF120630.D
Acq On : 16 Jun 2020 16:25
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
6/18/2020 11:51:57 AM

Quant Time: Jun 16 17:01:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	147165	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	588710	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	334082	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	653711	20.00	ng		0.00
76) Chrysene-d12	13.96	240	518587	20.00	ng		0.00
86) Perylene-d12	15.39	264	593780	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	680473	79.27	ng		-0.01
7) Phenol-d6	6.43	99	926399	86.65	ng		0.00
23) Nitrobenzene-d5	7.36	82	800012	75.96	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	310578	79.96	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1626407	74.48	ng		0.00
79) Terphenyl-d14	12.90	244	1846175	78.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	152692	37.532	ng		99
3) Pyridine	3.20	79	440234	38.493	ng		98
4) n-Nitrosodimethylamine	3.15	42	186838	39.365	ng		97
6) Aniline	6.46	93	582071	42.542	ng		98
8) 2-Chlorophenol	6.59	128	388299	40.031	ng		96
9) Benzaldehyde	6.35	77	254836	37.685	ng		97
10) Phenol	6.45	94	501424	43.959	ng		96
11) bis(2-Chloroethyl)ether	6.53	93	380939	40.094	ng		98
12) 1,3-Dichlorobenzene	6.74	146	417714	40.507	ng		99
13) 1,4-Dichlorobenzene	6.82	146	419374	41.219	ng		99
14) 1,2-Dichlorobenzene	6.97	146	400257	40.385	ng		99
15) Benzyl Alcohol	6.94	79	340691	44.936	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	596650	43.613	ng		99
17) 2-Methylphenol	7.05	107	364031	44.002	ng		97
18) Hexachloroethane	7.31	117	154392	41.182	ng		94
19) n-Nitroso-di-n-propylamine	7.22	70	287249	46.319	ng		97
20) 3+4-Methylphenols	7.21	107	433788	41.960	ng		91
22) Acetophenone	7.21	105	520385	39.538	ng	#	98
24) Nitrobenzene	7.38	77	427670	38.803	ng		97
25) Isophorone	7.62	82	838765	40.883	ng		99
26) 2-Nitrophenol	7.70	139	222771	38.206	ng		94
27) 2,4-Dimethylphenol	7.73	122	343901	40.057	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	511453	43.006	ng		99
29) 2,4-Dichlorophenol	7.94	162	360175	41.272	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	375537	38.831	ng		98
31) Naphthalene	8.10	128	1152945	39.884	ng		99
32) Benzoic acid	7.86	122	285517	43.345	ng		99
33) 4-Chloroaniline	8.15	127	546900	41.218	ng		98
34) Hexachlorobutadiene	8.22	225	223894	39.716	ng		99
35) Caprolactam	8.52	113	120268m	43.090	ng		
36) 4-Chloro-3-methylphenol	8.63	107	380727	43.668	ng		99
37) 2-Methylnaphthalene	8.79	142	821942	43.556	ng		99
38) 1-Methylnaphthalene	8.89	142	781295	43.999	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	395904	39.688	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	203787	36.456	ng	100
43) 2,4,6-Trichlorophenol	9.07	196	280933	39.701	ng	99
44) 2,4,5-Trichlorophenol	9.11	196	320579	39.932	ng	97
46) 1,1'-Biphenyl	9.26	154	1011519	40.548	ng	98
47) 2-Chloronaphthalene	9.28	162	815252	39.964	ng	99
48) 2-Nitroaniline	9.37	65	257486	40.189	ng	95
49) Acenaphthylene	9.70	152	1271394	40.384	ng	99
50) Dimethylphthalate	9.56	163	953286	39.620	ng	100
51) 2,6-Dinitrotoluene	9.62	165	219115	40.184	ng	92
52) Acenaphthene	9.87	154	758975	40.422	ng	99
53) 3-Nitroaniline	9.79	138	257714	39.350	ng	98
54) 2,4-Dinitrophenol	9.89	184	108839	35.784	ng	95
55) Dibenzofuran	10.04	168	1165603	40.486	ng	98
56) 4-Nitrophenol	9.95	139	187097	37.930	ng	95
57) 2,4-Dinitrotoluene	10.02	165	287430	39.725	ng	94
58) Fluorene	10.38	166	858147	38.665	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	252275	39.943	ng	99
60) Diethylphthalate	10.26	149	947927	40.002	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	444430	38.776	ng	97
62) 4-Nitroaniline	10.40	138	255865	39.352	ng	99
63) Azobenzene	10.53	77	878679	40.849	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	149694	38.163	ng	88
66) n-Nitrosodiphenylamine	10.49	169	803515	40.026	ng	100
67) 4-Bromophenyl-phenylether	10.86	248	298382	40.218	ng	96
68) Hexachlorobenzene	10.93	284	321234	40.272	ng	98
69) Atrazine	11.02	200	201161	32.382	ng	99
70) Pentachlorophenol	11.12	266	179949	40.577	ng	99
71) Phenanthrene	11.34	178	1294883	39.848	ng	100
72) Anthracene	11.39	178	1311382	40.036	ng	100
73) Carbazole	11.55	167	1271476	39.214	ng	99
74) Di-n-butylphthalate	11.88	149	1473154	40.413	ng	100
75) Fluoranthene	12.53	202	1427521	38.422	ng	100
77) Benzidine	12.65	184	609443	34.749	ng	98
78) Pyrene	12.76	202	1474996	40.149	ng	100
80) Butylbenzylphthalate	13.37	149	646628	39.639	ng	100
81) Benzo(a)anthracene	13.94	228	1255037	40.282	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	471206	39.595	ng	99
83) Chrysene	13.98	228	1281083	40.086	ng	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	824477	41.413	ng	99
85) Di-n-octyl phthalate	14.54	149	1545596	40.679	ng	100
87) Indeno(1,2,3-cd)pyrene	16.81	276	1597611	44.233	ng	99
88) Benzo(b)fluoranthene	14.98	252	1369940	38.732	ng	99
89) Benzo(k)fluoranthene	15.01	252	1244676	39.769	ng	99
90) Benzo(a)pyrene	15.33	252	1246283	39.371	ng	99
91) Dibenzo(a,h)anthracene	16.83	278	1266562	43.730	ng	99
92) Benzo(g,h,i)perylene	17.24	276	1322896	45.314	ng	98

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

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