Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\
Data File : BF120632.D
Acq On : 17 Jun 2020 14:46
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 17 15:36:46 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	164174	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	648658	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	377473	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	737297	20.00	ng		0.00
76) Chrysene-d12	13.96	240	577463	20.00	ng		0.00
86) Perylene-d12	15.39	264	655371	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	745668	77.87	ng		-0.01
7) Phenol-d6	6.43	99	1029085	86.28	ng		0.00
23) Nitrobenzene-d5	7.36	82	893646	77.01	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	348998	79.52	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1787337	72.44	ng		0.00
79) Terphenyl-d14	12.90	244	2003774	76.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	166066	36.590	ng		99
3) Pyridine	3.20	79	474774	37.212	ng		99
4) n-Nitrosodimethylamine	3.16	42	204415	38.607	ng		99
6) Aniline	6.46	93	656275	42.996	ng		97
8) 2-Chlorophenol	6.59	128	433034	40.018	ng		97
9) Benzaldehyde	6.35	77	281523	37.319	ng		98
10) Phenol	6.45	94	561685	44.140	ng		96
11) bis(2-Chloroethyl)ether	6.53	93	432077	40.765	ng		98
12) 1,3-Dichlorobenzene	6.74	146	466862	40.583	ng		98
13) 1,4-Dichlorobenzene	6.82	146	466592	41.108	ng		99
14) 1,2-Dichlorobenzene	6.97	146	446171	40.354	ng		99
15) Benzyl Alcohol	6.94	79	379483	44.867	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	663543	43.478	ng		100
17) 2-Methylphenol	7.06	107	399533	43.290	ng		98
18) Hexachloroethane	7.31	117	169243	40.466	ng		94
19) n-Nitroso-di-n-propylamine	7.22	70	319145	46.131	ng		98
20) 3+4-Methylphenols	7.21	107	475487	41.229	ng		94
22) Acetophenone	7.21	105	570990	39.373	ng	#	97
24) Nitrobenzene	7.38	77	474053	39.036	ng		96
25) Isophorone	7.62	82	947331	41.908	ng		98
26) 2-Nitrophenol	7.70	139	248636	38.701	ng		95
27) 2,4-Dimethylphenol	7.73	122	386912	40.902	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	570805	43.561	ng		100
29) 2,4-Dichlorophenol	7.94	162	403312	41.944	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	418862	39.308	ng		99
31) Naphthalene	8.10	128	1287103	40.410	ng		99
32) Benzoic acid	7.86	122	320357	44.140	ng		96
33) 4-Chloroaniline	8.15	127	613291	41.950	ng		98
34) Hexachlorobutadiene	8.22	225	246081	39.618	ng		98
35) Caprolactam	8.53	113	135144	43.945	ng		96
36) 4-Chloro-3-methylphenol	8.63	107	427134	44.463	ng		99
37) 2-Methylnaphthalene	8.79	142	914110	43.963	ng		99
38) 1-Methylnaphthalene	8.89	142	859793	43.945	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	436466	38.725	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	228952	36.250	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	317520	39.714	ng	98
44) 2,4,5-Trichlorophenol	9.11	196	360894	39.786	ng	97
46) 1,1'-Biphenyl	9.26	154	1127198	39.991	ng	100
47) 2-Chloronaphthalene	9.28	162	908710	39.425	ng	98
48) 2-Nitroaniline	9.38	65	286740	39.611	ng	94
49) Acenaphthylene	9.70	152	1418287	39.871	ng	99
50) Dimethylphthalate	9.56	163	1079891	39.723	ng	99
51) 2,6-Dinitrotoluene	9.62	165	243802	39.571	ng	96
52) Acenaphthene	9.87	154	854814	40.293	ng	99
53) 3-Nitroaniline	9.79	138	288830	39.031	ng	95
54) 2,4-Dinitrophenol	9.89	184	122265	35.595	ng	92
55) Dibenzofuran	10.04	168	1294216	39.786	ng	98
56) 4-Nitrophenol	9.95	139	210124	37.702	ng	94
57) 2,4-Dinitrotoluene	10.02	165	323454	39.565	ng	91
58) Fluorene	10.39	166	953252	38.013	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	288418	40.416	ng	97
60) Diethylphthalate	10.26	149	1062576	39.686	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	495928	38.296	ng	97
62) 4-Nitroaniline	10.40	138	282165	38.408	ng	99
63) Azobenzene	10.53	77	985960	40.567	ng	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	169854	38.393	ng	92
66) n-Nitrosodiphenylamine	10.49	169	898949	39.703	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	336660	40.233	ng	95
68) Hexachlorobenzene	10.93	284	359183	39.924	ng	93
69) Atrazine	11.02	200	223571	31.909	ng	98
70) Pentachlorophenol	11.12	266	207805	41.546	ng	98
71) Phenanthrene	11.35	178	1437375	39.218	ng	100
72) Anthracene	11.40	178	1449590	39.238	ng	99
73) Carbazole	11.55	167	1413242	38.645	ng	99
74) Di-n-butylphthalate	11.88	149	1648249	40.090	ng	100
75) Fluoranthene	12.53	202	1583583	37.791	ng	99
77) Benzidine	12.65	184	739337	37.858	ng	99
78) Pyrene	12.76	202	1632963	39.917	ng	99
80) Butylbenzylphthalate	13.37	149	713592	39.284	ng	100
81) Benzo(a)anthracene	13.94	228	1367884	39.428	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	532513	40.184	ng	99
83) Chrysene	13.99	228	1418800	39.869	ng	100
84) Bis(2-ethylhexyl)phthalate	13.93	149	906698	40.899	ng	99
85) Di-n-octyl phthalate	14.54	149	1692055	39.993	ng	100
87) Indeno(1,2,3-cd)pyrene	16.82	276	1735466	43.534	ng	100
88) Benzo(b)fluoranthene	14.98	252	1494158	38.273	ng	99
89) Benzo(k)fluoranthene	15.01	252	1383303	40.044	ng	99
90) Benzo(a)pyrene	15.33	252	1382579	39.572	ng	99
91) Dibenzo(a,h)anthracene	16.83	278	1394807	43.632	ng	99
92) Benzo(g,h,i)perylene	17.24	276	1421598	44.118	ng	100

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

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