Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011020\
Data File : BF118514.D
Acq On : 10 Jan 2020 12:13
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/13/2020 2:21:36 PM

Quant Time: Jan 11 03:00:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	80443	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	315899	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	195615	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	346193	20.00	ng		0.00
76) Chrysene-d12	14.03	240	185471	20.00	ng		0.00
87) Perylene-d12	15.52	264	155557	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	404989	83.11	ng		0.00
7) Phenol-d6	6.47	99	506668	86.97	ng		0.00
23) Nitrobenzene-d5	7.40	82	462476	76.91	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	166017	71.92	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1007768	73.89	ng		0.00
79) Terphenyl-d14	12.97	244	1000827	85.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	68381	42.090	ng		97
3) Pyridine	3.30	79	183196	41.891	ng		97
4) n-Nitrosodimethylamine	3.26	42	82720	37.747	ng		99
6) Aniline	6.50	93	317145	43.781	ng		95
8) 2-Chlorophenol	6.62	128	235089	44.123	ng		96
9) Benzaldehyde	6.39	77	127978	39.457	ng		98
10) Phenol	6.49	94	282396	43.743	ng		98
11) bis(2-Chloroethyl)ether	6.57	93	205177	44.578	ng		99
12) 1,3-Dichlorobenzene	6.77	146	228985	36.764	ng		99
13) 1,4-Dichlorobenzene	6.85	146	240031	37.770	ng		99
14) 1,2-Dichlorobenzene	7.00	146	238955	38.910	ng		99
15) Benzyl Alcohol	6.98	79	186400	39.442	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	200289	39.228	ng		90
17) 2-Methylphenol	7.10	107	173343	39.588	ng		97
18) Hexachloroethane	7.35	117	93937	39.010	ng	#	89
19) n-Nitroso-di-n-propylamine	7.25	70	148439	39.558	ng		99
20) 3+4-Methylphenols	7.25	107	233146	39.252	ng		93
22) Acetophenone	7.25	105	320105	39.976	ng	#	97
24) Nitrobenzene	7.42	77	226693	37.912	ng		99
25) Isophorone	7.66	82	364004	37.784	ng		96
26) 2-Nitrophenol	7.74	139	112907	38.243	ng		98
27) 2,4-Dimethylphenol	7.78	122	147919	37.256	ng		94
28) bis(2-Chloroethoxy)methane	7.87	93	232258	36.670	ng		99
29) 2,4-Dichlorophenol	7.99	162	176193	38.008	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	204206	37.927	ng		99
31) Naphthalene	8.15	128	616896	37.333	ng		99
32) Benzoic acid	7.92	122	78864	31.430	ng		94
33) 4-Chloroaniline	8.20	127	257156	37.802	ng		99
34) Hexachlorobutadiene	8.26	225	120729	36.529	ng		98
35) Caprolactam	8.58	113	60914	43.621	ng		95
36) 4-Chloro-3-methylphenol	8.69	107	194976	39.122	ng		95
37) 2-Methylnaphthalene	8.84	142	470916	41.524	ng		98
38) 1-Methylnaphthalene	8.93	142	468728	44.021	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	222871	37.081	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011020\
Data File : BF118514.D
Acq On : 10 Jan 2020 12:13
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/13/2020 2:21:36 PM

Quant Time: Jan 11 03:00:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	25851	26.816	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	147786	39.791	ng		97
44) 2,4,5-Trichlorophenol	9.17	196	135610	35.284	ng		98
46) 1,1'-Biphenyl	9.30	154	576427	36.065	ng		99
47) 2-Chloronaphthalene	9.33	162	474553	37.513	ng		98
48) 2-Nitroaniline	9.43	65	130381	35.666	ng		99
49) Acenaphthylene	9.75	152	588794	31.268	ng		100
50) Dimethylphthalate	9.60	163	465070	30.977	ng		99
51) 2,6-Dinitrotoluene	9.67	165	118050	36.512	ng		88
52) Acenaphthene	9.92	154	437300	38.029	ng		100
53) 3-Nitroaniline	9.85	138	134440	35.498	ng		91
54) 2,4-Dinitrophenol	9.97	184	45492	35.162	ng	#	90
55) Dibenzofuran	10.09	168	639228	37.011	ng		99
56) 4-Nitrophenol	10.03	139	62793	34.147	ng		95
57) 2,4-Dinitrotoluene	10.09	165	163228	37.704	ng		98
58) Fluorene	10.43	166	466775	33.623	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	96229	29.607	ng		99
60) Diethylphthalate	10.30	149	463204	30.307	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	227688	32.825	ng		91
62) 4-Nitroaniline	10.47	138	133649	36.040	ng		99
63) Azobenzene	10.59	77	438793	33.785	ng		95
65) 4,6-Dinitro-2-methylphenol	10.50	198	65120	35.583	ng		98
66) n-Nitrosodiphenylamine	10.55	169	416128	36.911	ng		100
67) 4-Bromophenyl-phenylether	10.92	248	145697	35.931	ng		97
68) Hexachlorobenzene	10.99	284	176474	36.444	ng	#	93
69) Atrazine	11.07	200	110344	32.939	ng		99
70) Pentachlorophenol	11.19	266	50014m	34.010	ng		
71) Phenanthrene	11.40	178	490510	25.293	ng		99
72) Anthracene	11.46	178	559114	28.980	ng		99
73) Carbazole	11.62	167	522035	31.236	ng		100
74) Di-n-butylphthalate	11.93	149	671950	30.137	ng		98
75) Fluoranthene	12.60	202	664178	33.695	ng		99
77) Benzidine	12.72	184	195297	44.784	ng		98
78) Pyrene	12.83	202	646172	42.345	ng		100
80) Butylbenzylphthalate	13.44	149	287801	41.182	ng		96
81) Benzo(a)anthracene	14.03	228	458465	35.315	ng		99
82) 3,3'-Dichlorobenzidine	13.98	252	206865	49.002	ng		99
83) Chrysene	14.06	228	475664	37.706	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	399591	42.112	ng		97
85) Di-n-octyl phthalate	14.61	149	576444	42.353	ng		99
86) Indeno(1,2,3-cd)pyrene	17.03	276	448706	44.180	ng		100
88) Benzo(b)fluoranthene	15.09	252	426465	37.920	ng		99
89) Benzo(k)fluoranthene	15.12	252	477111	44.444	ng		98
90) Benzo(a)pyrene	15.46	252	295140	32.023	ng		98
91) Dibenzo(a,h)anthracene	17.04	278	369691	42.778	ng		98
92) Benzo(g,h,i)perylene	17.48	276	319399	39.006	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011020\
Data File : BF118514.D
Acq On : 10 Jan 2020 12:13
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 11 03:00:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/13/2020 2:21:36 PM