Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091020\
Data File : BF121548.D
Acq On : 10 Sep 2020 13:07
Operator : JU/CG
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
mohammad
9/11/2020 11:48:15 AM

Quant Time: Sep 10 15:12:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 14:49:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	167695	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	660205	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	342090	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	630170	20.00	ng		0.00
76) Chrysene-d12	13.99	240	552871	20.00	ng		0.00
86) Perylene-d12	15.44	264	541959	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	256286	25.64	ng		-0.01
7) Phenol-d6	6.45	99	332074	23.77	ng		-0.01
23) Nitrobenzene-d5	7.39	82	253504	26.25	ng		-0.01
42) 2,4,6-Tribromophenol	10.65	330	85895	24.86	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	535948	25.28	ng		0.00
79) Terphenyl-d14	12.93	244	605832	23.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	53672	11.260	ng		99
3) Pyridine	3.35	79	142671	10.991	ng		97
4) n-Nitrosodimethylamine	3.28	42	69141	12.050	ng		99
6) Aniline	6.49	93	208825	12.600	ng		100
8) 2-Chlorophenol	6.61	128	129792	12.794	ng		96
9) Benzaldehyde	6.37	77	112406	16.411	ng		98
10) Phenol	6.46	94	179675m	13.149	ng		
11) bis(2-Chloroethyl)ether	6.56	93	129870	11.698	ng		95
12) 1,3-Dichlorobenzene	6.77	146	143573	11.754	ng		99
13) 1,4-Dichlorobenzene	6.85	146	145246	11.866	ng		98
14) 1,2-Dichlorobenzene	7.00	146	136762	11.999	ng		98
15) Benzyl Alcohol	6.96	79	112534	12.275	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	207900	12.641	ng		100
17) 2-Methylphenol	7.07	107	104244	11.811	ng		98
18) Hexachloroethane	7.35	117	49596	11.839	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	94571	12.115	ng		96
20) 3+4-Methylphenols	7.23	107	137744	12.896	ng		91
22) Acetophenone	7.23	105	189557	11.649	ng	#	97
24) Nitrobenzene	7.40	77	141198	14.587	ng		96
25) Isophorone	7.65	82	255968	11.784	ng		99
26) 2-Nitrophenol	7.73	139	51562	15.756	ng		99
27) 2,4-Dimethylphenol	7.76	122	112181	12.453	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	164010	11.104	ng		97
29) 2,4-Dichlorophenol	7.96	162	104280	11.723	ng		99
30) 1,2,4-Trichlorobenzene	8.05	180	112638	10.337	ng		99
31) Naphthalene	8.13	128	384853	11.742	ng		99
32) Benzoic acid	7.84	122	44946	9.023	ng		99
33) 4-Chloroaniline	8.18	127	164068	11.239	ng		99
34) Hexachlorobutadiene	8.25	225	65825	10.158	ng		99
35) Caprolactam	8.52	113	33480	11.540	ng		98
36) 4-Chloro-3-methylphenol	8.66	107	113740	12.128	ng		95
37) 2-Methylnaphthalene	8.82	142	256359	11.805	ng		97
38) 1-Methylnaphthalene	8.92	142	238534	11.633	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	117113	11.549	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	56799	13.319	ng		97
43) 2,4,6-Trichlorophenol	9.10	196	73769	11.509	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	80947	12.772	ng		93
46) 1,1'-Biphenyl	9.29	154	310021	12.010	ng		97
47) 2-Chloronaphthalene	9.31	162	236445	11.144	ng		99
48) 2-Nitroaniline	9.40	65	65086	14.111	ng		97
49) Acenaphthylene	9.73	152	371926	11.686	ng		98
50) Dimethylphthalate	9.58	163	267493	11.383	ng		99
51) 2,6-Dinitrotoluene	9.65	165	51616	15.050	ng		93
52) Acenaphthene	9.90	154	227739	11.332	ng		99
53) 3-Nitroaniline	9.81	138	60654	13.409	ng		97
54) 2,4-Dinitrophenol	9.92	184	13072	10.715	ng	#	88
55) Dibenzofuran	10.07	168	329823	11.298	ng		98
56) 4-Nitrophenol	9.96	139	46246	12.585	ng		97
57) 2,4-Dinitrotoluene	10.05	165	64316	15.769	ng		99
58) Fluorene	10.41	166	264252	12.008	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	64844m	12.289	ng		
60) Diethylphthalate	10.28	149	263041	11.142	ng		98
61) 4-Chlorophenyl-phenylether	10.40	204	121616	11.030	ng		98
62) 4-Nitroaniline	10.42	138	61917	12.750	ng		97
63) Azobenzene	10.56	77	280650	12.021	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	21934	13.427	ng		97
66) n-Nitrosodiphenylamine	10.52	169	238519	11.967	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	75894	10.948	ng		96
68) Hexachlorobenzene	10.96	284	86021	10.611	ng		99
69) Atrazine	11.04	200	54924	9.502	ng		99
70) Pentachlorophenol	11.15	266	40301	10.882	ng		98
71) Phenanthrene	11.37	178	389082	12.031	ng		99
72) Anthracene	11.42	178	403354	12.681	ng		98
73) Carbazole	11.57	167	356967	11.639	ng		99
74) Di-n-butylphthalate	11.91	149	409124	12.007	ng		99
75) Fluoranthene	12.56	202	414561	11.894	ng		97
77) Benzidine	12.68	184	197731	16.399	ng		99
78) Pyrene	12.79	202	425017	10.764	ng		98
80) Butylbenzylphthalate	13.41	149	161545	10.620	ng		93
81) Benzo(a)anthracene	13.97	228	384329	11.388	ng		98
82) 3,3'-Dichlorobenzidine	13.94	252	142272	11.509	ng		99
83) Chrysene	14.01	228	384759	11.395	ng		97
84) Bis(2-ethylhexyl)phthalate	13.97	149	236576	12.042	ng	#	98
85) Di-n-octyl phthalate	14.58	149	396256	11.901	ng		100
87) Indeno(1,2,3-cd)pyrene	16.87	276	372121	11.159	ng		99
88) Benzo(b)fluoranthene	15.02	252	368432	10.451	ng		99
89) Benzo(k)fluoranthene	15.04	252	362885	11.067	ng		98
90) Benzo(a)pyrene	15.37	252	319712	10.085	ng		100
91) Dibenzo(a,h)anthracene	16.89	278	316576	11.598	ng		97
92) Benzo(g,h,i)perylene	17.30	276	303537	11.544	ng		98

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

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