Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070120\
Data File : BF120754.D
Acq On : 1 Jul 2020 16:43
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
Sohil
7/7/2020 8:19:14 AM

Quant Time: Jul 01 17:28:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 01 16:25:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	174775	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	608763	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	269174	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	500701	20.00	ng	0.00
76) Chrysene-d12	13.82	240	374895	20.00	ng	0.00
86) Perylene-d12	15.21	264	435719	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1044897	102.50	ng	0.00
7) Phenol-d6	6.36	99	1300939	102.46	ng	0.00
23) Nitrobenzene-d5	7.24	82	1189595	109.23	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	391868	125.22	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	2013389	114.44	ng	0.00
79) Terphenyl-d14	12.77	244	1999095	117.79	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.29	88	237001	49.052	ng	99
3) Pyridine	2.97	79	735718	54.167	ng	99
4) n-Nitrosodimethylamine	2.95	42	301088	53.416	ng	99
6) Aniline	6.34	93	856909	52.736	ng	99
8) 2-Chlorophenol	6.47	128	604407	52.467	ng	96
9) Benzaldehyde	6.22	77	322601	40.170	ng	97
10) Phenol	6.37	94	673845m	49.742	ng	
11) bis(2-Chloroethyl)ether	6.42	93	604509	53.573	ng	100
12) 1,3-Dichlorobenzene	6.61	146	666031	54.384	ng	97
13) 1,4-Dichlorobenzene	6.69	146	662382	54.818	ng	98
14) 1,2-Dichlorobenzene	6.84	146	570241	48.447	ng	97
15) Benzyl Alcohol	6.83	79	427723	47.503	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	809246	49.809	ng	92
17) 2-Methylphenol	6.96	107	521001	53.027	ng	94
18) Hexachloroethane	7.17	117	244252	54.858	ng	98
19) n-Nitroso-di-n-propylamine	7.10	70	414035	56.217	ng	97
20) 3+4-Methylphenols	7.12	107	696269	56.711	ng	98
22) Acetophenone	7.09	105	837364	61.526	ng	99
24) Nitrobenzene	7.26	77	625209	54.857	ng	98
25) Isophorone	7.50	82	1132680	53.391	ng	100
26) 2-Nitrophenol	7.57	139	342960	56.881	ng	96
27) 2,4-Dimethylphenol	7.63	122	478291	53.876	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	699264	56.862	ng	100
29) 2,4-Dichlorophenol	7.83	162	496603	55.031	ng	97
30) 1,2,4-Trichlorobenzene	7.89	180	558878	55.885	ng	99
31) Naphthalene	7.97	128	1643125	54.968	ng	100
32) Benzoic acid	7.80	122	404671	59.411	ng	99
33) 4-Chloroaniline	8.03	127	745907	54.365	ng	99
34) Hexachlorobutadiene	8.09	225	332484	57.036	ng	99
35) Caprolactam	8.42	113	164402	56.962	ng	91
36) 4-Chloro-3-methylphenol	8.54	107	501235	55.596	ng	98
37) 2-Methylnaphthalene	8.66	142	1092607	55.991	ng	98
38) 1-Methylnaphthalene	8.76	142	1025731	55.861	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	518963	64.569	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	286949	63.711	ng		99
43) 2,4,6-Trichlorophenol	8.95	196	369229	64.762	ng		98
44) 2,4,5-Trichlorophenol	9.00	196	404186	62.487	ng		98
46) 1,1'-Biphenyl	9.13	154	1299818	64.669	ng		99
47) 2-Chloronaphthalene	9.15	162	1044213	63.532	ng		97
48) 2-Nitroaniline	9.26	65	333079	64.524	ng		97
49) Acenaphthylene	9.57	152	1430005	56.375	ng		100
50) Dimethylphthalate	9.44	163	1229557	63.425	ng		99
51) 2,6-Dinitrotoluene	9.50	165	265779	60.495	ng		98
52) Acenaphthene	9.74	154	866158	57.254	ng		99
53) 3-Nitroaniline	9.67	138	331512	62.823	ng		96
54) 2,4-Dinitrophenol	9.77	184	151836	64.468	ng		98
55) Dibenzofuran	9.91	168	1280044	55.182	ng		100
56) 4-Nitrophenol	9.86	139	219275	55.173	ng		88
57) 2,4-Dinitrotoluene	9.90	165	312597	53.621	ng	#	92
58) Fluorene	10.25	166	970432	54.268	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	298454	58.649	ng		99
60) Diethylphthalate	10.13	149	1139349	59.674	ng		100
61) 4-Chlorophenyl-phenylether	10.25	204	475715	51.515	ng		98
62) 4-Nitroaniline	10.29	138	347794	66.389	ng		98
63) Azobenzene	10.40	77	1116398	64.415	ng		98
65) 4,6-Dinitro-2-methylphenol	10.32	198	225805	75.158	ng		93
66) n-Nitrosodiphenylamine	10.37	169	1036642	67.419	ng		99
67) 4-Bromophenyl-phenylether	10.73	248	388537	68.374	ng		96
68) Hexachlorobenzene	10.80	284	418950	68.572	ng		96
69) Atrazine	10.90	200	270959	56.947	ng		99
70) Pentachlorophenol	11.00	266	180424	53.117	ng		99
71) Phenanthrene	11.21	178	1369449	55.021	ng		99
72) Anthracene	11.26	178	1407998	56.122	ng		99
73) Carbazole	11.42	167	1409253	56.745	ng		100
74) Di-n-butylphthalate	11.75	149	1707742	61.165	ng		99
75) Fluoranthene	12.39	202	1622959	57.032	ng		99
77) Benzidine	12.52	184	618724	48.800	ng		99
78) Pyrene	12.62	202	1661716	62.569	ng		100
80) Butylbenzylphthalate	13.25	149	753874	63.926	ng		95
81) Benzo(a)anthracene	13.81	228	1301849	57.800	ng		100
82) 3,3'-Dichlorobenzidine	13.78	252	516987	60.093	ng		99
83) Chrysene	13.85	228	1421415	61.524	ng		100
84) Bis(2-ethylhexyl)phthalate	13.81	149	858921	59.679	ng	#	99
85) Di-n-octyl phthalate	14.42	149	1742435	63.437	ng		99
87) Indeno(1,2,3-cd)pyrene	16.54	276	1480989	55.878	ng		100
88) Benzo(b)fluoranthene	14.83	252	1578782	60.828	ng		98
89) Benzo(k)fluoranthene	14.86	252	1226465	53.402	ng		98
90) Benzo(a)pyrene	15.16	252	1312442	56.501	ng		99
91) Dibenzo(a,h)anthracene	16.57	278	1192587	56.112	ng		98
92) Benzo(g,h,i)perylene	16.95	276	1191134	55.601	ng		98

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

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