Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070120\
Data File : BF120755.D
Acq On : 1 Jul 2020 17:11
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
Sohil
7/7/2020 8:19:15 AM

Quant Time: Jul 01 18:09:45 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	162902	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	581894	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	294870	20.00	ng		0.00
64) Phenanthrene-d10	11.18	188	535042	20.00	ng		0.00
76) Chrysene-d12	13.82	240	327308	20.00	ng		0.00
86) Perylene-d12	15.20	264	368991	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1187865	125.02	ng		0.00
7) Phenol-d6	0.00	99	0d	0.00	ng		
23) Nitrobenzene-d5	7.25	82	1506997	144.76	ng		0.01
42) 2,4,6-Tribromophenol	10.50	330	478111	139.46	ng		0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
79) Terphenyl-d14	12.77	244	2529110	170.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	313584	69.633	ng		99
3) Pyridine	2.96	79	875608	69.165	ng		99
4) n-Nitrosodimethylamine	2.95	42	354292	67.435	ng		98
6) Aniline	6.35	93	962510	63.552	ng		96
8) 2-Chlorophenol	6.47	128	640887	59.688	ng		97
9) Benzaldehyde	6.22	77	353345	47.205	ng		95
10) Phenol	6.37	94	750858m	59.467	ng		
11) bis(2-Chloroethyl)ether	6.42	93	676716	64.344	ng		98
12) 1,3-Dichlorobenzene	6.61	146	799163	70.011	ng		99
13) 1,4-Dichlorobenzene	6.69	146	794700	70.562	ng		98
15) Benzyl Alcohol	6.83	79	497807	59.316	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.95	45	977405	64.544	ng		96
17) 2-Methylphenol	6.96	107	628539	68.635	ng		98
18) Hexachloroethane	7.17	117	302085	72.792	ng		96
19) n-Nitroso-di-n-propylamine	7.10	70	497254	72.437	ng		98
20) 3+4-Methylphenols	7.12	107	832273	72.729	ng		94
22) Acetophenone	7.09	105	1015985	78.097	ng	#	99
24) Nitrobenzene	7.26	77	783940	71.961	ng		97
25) Isophorone	7.50	82	1448203	71.416	ng		100
26) 2-Nitrophenol	7.57	139	434013	75.307	ng		98
27) 2,4-Dimethylphenol	7.63	122	611633	72.077	ng		98
28) bis(2-Chloroethoxy)methane	7.71	93	893872	76.043	ng		99
29) 2,4-Dichlorophenol	7.83	162	619346	71.802	ng		99
30) 1,2,4-Trichlorobenzene	7.89	180	677555	70.880	ng		99
31) Naphthalene	7.97	128	2009058	70.313	ng		99
32) Benzoic acid	7.81	122	540696	83.046	ng		99
33) 4-Chloroaniline	8.04	127	970660	74.012	ng		99
34) Hexachlorobutadiene	8.09	225	410867	73.737	ng		99
35) Caprolactam	8.43	113	210735m	76.387	ng		
36) 4-Chloro-3-methylphenol	8.54	107	639438	74.200	ng		99
37) 2-Methylnaphthalene	8.66	142	1337014	71.680	ng		98
38) 1-Methylnaphthalene	8.76	142	1282905	73.093	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	618302	70.225	ng		98
41) Hexachlorocyclopentadiene	8.82	237	372865	75.573	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	8.96	196	444684	71.199	ng		99
44) 2,4,5-Trichlorophenol	9.00	196	475326	67.081	ng		99
46) 1,1'-Biphenyl	9.13	154	1496044	67.946	ng		98
47) 2-Chloronaphthalene	9.16	162	1262447	70.116	ng		99
48) 2-Nitroaniline	9.26	65	414056	73.221	ng		92
49) Acenaphthylene	9.57	152	1893953	68.159	ng		98
50) Dimethylphthalate	9.45	163	1587315	74.744	ng		99
51) 2,6-Dinitrotoluene	9.50	165	359098	74.613	ng		96
52) Acenaphthene	9.74	154	1158819	69.924	ng		99
53) 3-Nitroaniline	9.67	138	444071	76.820	ng		92
54) 2,4-Dinitrophenol	9.78	184	219661	85.138	ng	#	89
55) Dibenzofuran	9.91	168	1624978	63.948	ng		97
56) 4-Nitrophenol	9.87	139	283238	65.057	ng		94
57) 2,4-Dinitrotoluene	9.90	165	400972	62.786	ng	#	86
58) Fluorene	10.25	166	1237661	63.181	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.04	232	391112	70.159	ng		99
60) Diethylphthalate	10.14	149	1507445	72.073	ng		97
61) 4-Chlorophenyl-phenylether	10.25	204	613175	60.614	ng		99
62) 4-Nitroaniline	10.30	138	417715	72.788	ng		99
63) Azobenzene	10.40	77	1379606	72.665	ng		98
66) n-Nitrosodiphenylamine	10.37	169	1215427	73.973	ng		99
67) 4-Bromophenyl-phenylether	10.73	248	472042	77.737	ng		96
68) Hexachlorobenzene	10.80	284	504820	77.324	ng		99
69) Atrazine	10.90	200	317702	62.485	ng		99
71) Phenanthrene	11.21	178	1883491	70.816	ng		99
72) Anthracene	11.26	178	1931069	72.031	ng		98
73) Carbazole	11.42	167	1933394	72.854	ng		98
74) Di-n-butylphthalate	11.76	149	2185427	73.250	ng		99
75) Fluoranthene	12.39	202	2139650	70.363	ng		99
77) Benzidine	12.52	184	717099	64.782	ng		99
78) Pyrene	12.62	202	2185302	94.247	ng		99
80) Butylbenzylphthalate	13.24	149	926296	89.967	ng		95
81) Benzo(a)anthracene	13.80	228	1525529	77.578	ng		98
82) 3,3'-Dichlorobenzidine	13.78	252	595484	79.280	ng		98
83) Chrysene	13.85	228	1664727	82.532	ng		99
84) Bis(2-ethylhexyl)phthalate	13.81	149	1019124	81.105	ng	#	98
85) Di-n-octyl phthalate	14.42	149	2080541	86.759	ng		98
87) Indeno(1,2,3-cd)pyrene	16.55	276	1794798	79.964	ng		99
88) Benzo(b)fluoranthene	14.83	252	1804044	82.077	ng		99
89) Benzo(k)fluoranthene	14.85	252	1380695	70.989	ng		100
90) Benzo(a)pyrene	15.16	252	1507313	76.625	ng		99
91) Dibenzo(a,h)anthracene	16.56	278	1439367	79.971	ng		99
92) Benzo(g,h,i)perylene	16.95	276	1491909	82.235	ng		97

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

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