Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060920\
Data File : BF120579.D
Acq On : 9 Jun 2020 14:05
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Manual Integrations APPROVED
mohammad
6/10/2020 11:50:55 AM

Quant Time: Jun 09 15:06:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 14:52:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	174633	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	636514	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	329685	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	723566	20.00	ng	0.00
76) Chrysene-d12	13.96	240	529655	20.00	ng	0.00
86) Perylene-d12	15.40	264	602988	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	718193	78.38	ng	0.00
7) Phenol-d6	6.44	99	992695	87.89	ng	0.00
23) Nitrobenzene-d5	7.37	82	834857	85.80	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	287662	94.17	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1561096	80.34	ng	0.00
79) Terphenyl-d14	12.91	244	1844481	77.49	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.51	88	198364	43.700	ng	100
3) Pyridine	3.25	79	493692	39.271	ng	100
4) n-Nitrosodimethylamine	3.19	42	211101	39.679	ng	100
6) Aniline	6.47	93	672749	42.718	ng	100
8) 2-Chlorophenol	6.59	128	452376	43.782	ng	100
9) Benzaldehyde	6.35	77	238304	34.618	ng	100
10) Phenol	6.45	94	575327	46.580	ng	100
11) bis(2-Chloroethyl)ether	6.54	93	447941	43.400	ng	100
12) 1,3-Dichlorobenzene	6.75	146	495734	43.671	ng	100
13) 1,4-Dichlorobenzene	6.82	146	491719	43.417	ng	100
14) 1,2-Dichlorobenzene	6.97	146	464363	44.391	ng	100
15) Benzyl Alcohol	6.95	79	374239	43.955	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.08	45	651153	40.018	ng	100
17) 2-Methylphenol	7.06	107	393753	42.617	ng	100
18) Hexachloroethane	7.32	117	168917	40.745	ng	100
19) n-Nitroso-di-n-propylamine	7.22	70	271867	37.866	ng	100
20) 3+4-Methylphenols	7.22	107	422624	36.208	ng	100
22) Acetophenone	7.22	105	538341	41.644	ng	100
24) Nitrobenzene	7.39	77	435577	41.555	ng	100
25) Isophorone	7.63	82	795726	40.687	ng	100
26) 2-Nitrophenol	7.70	139	230928	48.863	ng	100
27) 2,4-Dimethylphenol	7.74	122	339054	41.311	ng	100
28) bis(2-Chloroethoxy)methane	7.83	93	488430	41.471	ng	100
29) 2,4-Dichlorophenol	7.95	162	354763	42.795	ng	100
30) 1,2,4-Trichlorobenzene	8.03	180	398857	42.874	ng	100
31) Naphthalene	8.11	128	1193806	42.705	ng	100
32) Benzoic acid	7.86	122	276528	45.404	ng	100
33) 4-Chloroaniline	8.16	127	528378	42.648	ng	100
34) Hexachlorobutadiene	8.23	225	240110	43.543	ng	100
35) Caprolactam	8.53	113	116300m	43.319	ng	
36) 4-Chloro-3-methylphenol	8.64	107	356191	42.351	ng	100
37) 2-Methylnaphthalene	8.80	142	803456	43.392	ng	100
38) 1-Methylnaphthalene	8.90	142	751449	42.995	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	379672	44.907	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	219835	46.589 ng	100
43) 2,4,6-Trichlorophenol	9.07	196	266188	43.533 ng	100
44) 2,4,5-Trichlorophenol	9.12	196	303213	43.746 ng	100
46) 1,1'-Biphenyl	9.26	154	956648	44.171 ng	100
47) 2-Chloronaphthalene	9.29	162	777128	43.576 ng	100
48) 2-Nitroaniline	9.38	65	240388	44.255 ng	100
49) Acenaphthylene	9.70	152	1213576	44.036 ng	100
50) Dimethylphthalate	9.56	163	905793	43.947 ng	100
51) 2,6-Dinitrotoluene	9.62	165	207032	45.199 ng	100
52) Acenaphthene	9.87	154	710004m	41.280 ng	
53) 3-Nitroaniline	9.79	138	241673	44.931 ng	100
54) 2,4-Dinitrophenol	9.90	184	112260	72.300 ng	100
55) Dibenzofuran	10.05	168	1083331	43.342 ng	100
56) 4-Nitrophenol	9.96	139	181008	43.956 ng	100
57) 2,4-Dinitrotoluene	10.03	165	273909	46.725 ng	100
58) Fluorene	10.39	166	829283	44.212 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	242666	44.929 ng	100
60) Diethylphthalate	10.26	149	888817	42.674 ng	100
61) 4-Chlorophenyl-phenylether	10.38	204	426546	41.945 ng	100
62) 4-Nitroaniline	10.40	138	243416	47.937 ng	100
63) Azobenzene	10.54	77	840559	42.905 ng	100
65) 4,6-Dinitro-2-methylphenol	10.44	198	156961	59.474 ng	100
66) n-Nitrosodiphenylamine	10.50	169	791539	39.381 ng	100
67) 4-Bromophenyl-phenylether	10.87	248	292904	40.103 ng	100
68) Hexachlorobenzene	10.93	284	313589	40.316 ng	100
69) Atrazine	11.03	200	228728	40.374 ng	100
70) Pentachlorophenol	11.13	266	179684	37.783 ng	100
71) Phenanthrene	11.35	178	1355889	42.528 ng	100
72) Anthracene	11.40	178	1384162	43.270 ng	100
73) Carbazole	11.56	167	1328286	42.930 ng	100
74) Di-n-butylphthalate	11.89	149	1550391	43.076 ng	100
75) Fluoranthene	12.53	202	1398878	40.776 ng	100
77) Benzidine	12.66	184	578982	41.604 ng	100
78) Pyrene	12.76	202	1423789	38.654 ng	100
80) Butylbenzylphthalate	13.38	149	629906	40.963 ng	100
81) Benzo(a)anthracene	13.95	228	1217976	42.907 ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	457859	44.427 ng	100
83) Chrysene	13.99	228	1267760	42.600 ng	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	804984	44.595 ng	100
85) Di-n-octyl phthalate	14.56	149	1481405	47.429 ng	100
87) Indeno(1,2,3-cd)pyrene	16.83	276	1586879	48.116 ng	100
88) Benzo(b)fluoranthene	14.99	252	1357708	40.539 ng	100
89) Benzo(k)fluoranthene	15.02	252	1194973	38.219 ng	100
90) Benzo(a)pyrene	15.34	252	1216632	41.530 ng	100
91) Dibenzo(a,h)anthracene	16.85	278	1289392	47.954 ng	100
92) Benzo(g,h,i)perylene	17.27	276	1131452	42.665 ng	100

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

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