Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061020\
Data File : BF120587.D
Acq On : 10 Jun 2020 11:55
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC020

Manual Integrations APPROVED
mohammad
6/11/2020 1:48:34 PM

Quant Time: Jun 10 13:48:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 13:32:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	163923	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	565982	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	294680	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	578346	20.00	ng	0.00
76) Chrysene-d12	13.96	240	515627	20.00	ng	0.00
86) Perylene-d12	15.40	264	568534	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	427356	50.98	ng	0.00
7) Phenol-d6	6.43	99	521265	49.06	ng	-0.01
23) Nitrobenzene-d5	7.36	82	471950	52.00	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	151741	49.89	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	863686	49.19	ng	0.00
79) Terphenyl-d14	12.90	244	1046000	46.95	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.51	88	98834	22.594	ng	98
3) Pyridine	3.25	79	273701	23.375	ng	99
4) n-Nitrosodimethylamine	3.19	42	114857	23.173	ng	100
6) Aniline	6.46	93	318016	22.169	ng	98
8) 2-Chlorophenol	6.59	128	240739	24.846	ng	97
9) Benzaldehyde	6.35	77	162992	29.713	ng	99
10) Phenol	6.45	94	281715	22.870	ng	92
11) bis(2-Chloroethyl)ether	6.53	93	228836	23.688	ng	99
12) 1,3-Dichlorobenzene	6.74	146	258426	24.509	ng	98
13) 1,4-Dichlorobenzene	6.82	146	262049	24.602	ng	98
14) 1,2-Dichlorobenzene	6.97	146	251141	24.183	ng	98
15) Benzyl Alcohol	6.94	79	197381	23.976	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	343252	24.060	ng	99
17) 2-Methylphenol	7.05	107	211229	24.834	ng	99
18) Hexachloroethane	7.31	117	94387	24.226	ng	92
19) n-Nitroso-di-n-propylamine	7.21	70	158697	24.324	ng	99
20) 3+4-Methylphenols	7.21	107	259126	24.430	ng	88
22) Acetophenone	7.21	105	307506	26.428	ng	99
24) Nitrobenzene	7.38	77	250484	26.284	ng	98
25) Isophorone	7.62	82	461198	26.264	ng	99
26) 2-Nitrophenol	7.70	139	130114	26.475	ng	96
27) 2,4-Dimethylphenol	7.73	122	192936	26.846	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	245379	23.513	ng	99
29) 2,4-Dichlorophenol	7.94	162	181028	24.091	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	204496	24.249	ng	99
31) Naphthalene	8.10	128	629076	24.773	ng	100
32) Benzoic acid	7.83	122	125235	21.293	ng	97
33) 4-Chloroaniline	8.15	127	273165	24.102	ng	99
34) Hexachlorobutadiene	8.22	225	122315	24.815	ng	98
35) Caprolactam	8.50	113	54861m	21.265	ng	
36) 4-Chloro-3-methylphenol	8.63	107	184050	23.698	ng	97
37) 2-Methylnaphthalene	8.79	142	419911	24.835	ng	98
38) 1-Methylnaphthalene	8.89	142	394763	25.488	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	198344	25.453	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	100374	22.527 ng	98
43) 2,4,6-Trichlorophenol	9.07	196	134621	24.351 ng	98
44) 2,4,5-Trichlorophenol	9.11	196	153882	24.482 ng	97
46) 1,1'-Biphenyl	9.26	154	509510	25.475 ng	98
47) 2-Chloronaphthalene	9.28	162	409119	24.815 ng	99
48) 2-Nitroaniline	9.37	65	122525	23.871 ng	96
49) Acenaphthylene	9.70	152	634589	25.426 ng	99
50) Dimethylphthalate	9.56	163	458022	23.415 ng	99
51) 2,6-Dinitrotoluene	9.62	165	103093	23.683 ng	97
52) Acenaphthene	9.87	154	379791	25.460 ng	98
53) 3-Nitroaniline	9.79	138	123665	24.025 ng	100
54) 2,4-Dinitrophenol	9.89	184	46593	19.862 ng	99
55) Dibenzofuran	10.04	168	583725	25.893 ng	99
56) 4-Nitrophenol	9.95	139	91537	24.388 ng	98
57) 2,4-Dinitrotoluene	10.02	165	140458	24.753 ng	98
58) Fluorene	10.39	166	443950	26.211 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	118586	24.181 ng	100
60) Diethylphthalate	10.26	149	456233	24.200 ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	230616	26.374 ng	97
62) 4-Nitroaniline	10.40	138	124566	23.991 ng	94
63) Azobenzene	10.53	77	425805	24.136 ng	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	69020	22.252 ng	96
66) n-Nitrosodiphenylamine	10.49	169	404255	26.093 ng	99
67) 4-Bromophenyl-phenylether	10.86	248	144469	25.008 ng	92
68) Hexachlorobenzene	10.93	284	156401	25.194 ng	95
69) Atrazine	11.02	200	120383	27.428 ng	98
70) Pentachlorophenol	11.13	266	77477	23.124 ng	98
71) Phenanthrene	11.34	178	672268	26.315 ng	99
72) Anthracene	11.40	178	672998	26.063 ng	98
73) Carbazole	11.55	167	655098	25.990 ng	99
74) Di-n-butylphthalate	11.88	149	724006	24.156 ng	99
75) Fluoranthene	12.53	202	752828	25.554 ng	96
77) Benzidine	12.65	184	368199	30.009 ng	99
78) Pyrene	12.76	202	819439	25.086 ng	99
80) Butylbenzylphthalate	13.38	149	320518	22.420 ng	96
81) Benzo(a)anthracene	13.94	228	702960	25.095 ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	244023	23.797 ng	99
83) Chrysene	13.99	228	684104	24.059 ng	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	409821	22.616 ng	100
85) Di-n-octyl phthalate	14.55	149	727846	22.180 ng	100
87) Indeno(1,2,3-cd)pyrene	16.82	276	800042	25.003 ng	100
88) Benzo(b)fluoranthene	14.98	252	755155	25.441 ng	99
89) Benzo(k)fluoranthene	15.01	252	688802	25.598 ng	99
90) Benzo(a)pyrene	15.34	252	668349	24.732 ng	99
91) Dibenzo(a,h)anthracene	16.84	278	649791	25.145 ng	99
92) Benzo(g,h,i)perylene	17.25	276	648412	25.637 ng	99

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

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