Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
Data File : BF121557.D
Acq On : 14 Sep 2020 13:03
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/15/2020 1:19:51 PM

Quant Time: Sep 14 13:41:17 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 16:47:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	190560	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	705891	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	366043	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	662221	20.00	ng	0.00
76) Chrysene-d12	13.99	240	523448	20.00	ng	0.00
86) Perylene-d12	15.44	264	491972	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1144919	89.29	ng	0.00
7) Phenol-d6	6.46	99	1525829	90.70	ng	0.00
23) Nitrobenzene-d5	7.40	82	1241440	94.43	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	419422	92.19	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2100222	86.90	ng	0.00
79) Terphenyl-d14	12.94	244	2328458	90.12	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.60	88	271764	46.133	ng	98
3) Pyridine	3.35	79	763655	46.892	ng	100
4) n-Nitrosodimethylamine	3.31	42	355358	47.043	ng	100
6) Aniline	6.50	93	999779	45.632	ng	99
8) 2-Chlorophenol	6.62	128	596194	45.667	ng	94
9) Benzaldehyde	6.38	77	448160	40.752	ng	99
10) Phenol	6.48	94	825452	46.079	ng	97
11) bis(2-Chloroethyl)ether	6.57	93	626868	46.429	ng	99
12) 1,3-Dichlorobenzene	6.77	146	665903	45.698	ng	99
13) 1,4-Dichlorobenzene	6.85	146	670759	45.844	ng	99
14) 1,2-Dichlorobenzene	7.00	146	619698	45.976	ng	99
15) Benzyl Alcohol	6.97	79	533712	46.677	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1015067	46.720	ng	99
17) 2-Methylphenol	7.09	107	513732	46.248	ng	99
18) Hexachloroethane	7.35	117	238861	45.593	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	446397	46.043	ng	99
20) 3+4-Methylphenols	7.24	107	601346	45.057	ng	98
22) Acetophenone	7.25	105	800133	44.676	ng	98
24) Nitrobenzene	7.42	77	678519	47.718	ng	98
25) Isophorone	7.66	82	1245118	47.047	ng	99
26) 2-Nitrophenol	7.73	139	273347	41.216	ng	98
27) 2,4-Dimethylphenol	7.77	122	543354	45.994	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	762832	46.560	ng	99
29) 2,4-Dichlorophenol	7.97	162	511261	47.516	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	527647	46.562	ng	99
31) Naphthalene	8.14	128	1707012	45.810	ng	100
32) Benzoic acid	7.90	122	348274	40.740	ng	97
33) 4-Chloroaniline	8.19	127	740457	45.842	ng	100
34) Hexachlorobutadiene	8.26	225	313228	47.091	ng	100
35) Caprolactam	8.57	113	170299m	47.527	ng	
36) 4-Chloro-3-methylphenol	8.67	107	540062	46.593	ng	94
37) 2-Methylnaphthalene	8.83	142	1118590	45.807	ng	100
38) 1-Methylnaphthalene	8.93	142	1045314	45.994	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	520552	45.527	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	293098	44.887 ng	99
43) 2,4,6-Trichlorophenol	9.10	196	361570	46.393 ng	99
44) 2,4,5-Trichlorophenol	9.15	196	384965	46.724 ng	99
46) 1,1'-Biphenyl	9.29	154	1321737	45.104 ng	99
47) 2-Chloronaphthalene	9.32	162	1039747	45.026 ng	100
48) 2-Nitroaniline	9.41	65	342165	47.682 ng	99
49) Acenaphthylene	9.73	152	1608064	45.322 ng	99
50) Dimethylphthalate	9.60	163	1216474	45.852 ng	100
51) 2,6-Dinitrotoluene	9.66	165	270809	47.930 ng	98
52) Acenaphthene	9.90	154	1010180	45.077 ng	98
53) 3-Nitroaniline	9.82	138	313201	47.852 ng	100
54) 2,4-Dinitrophenol	9.93	184	102781	37.020 ng	98
55) Dibenzofuran	10.07	168	1433116	45.410 ng	100
56) 4-Nitrophenol	9.97	139	254128	48.685 ng	99
57) 2,4-Dinitrotoluene	10.06	165	349649	49.190 ng	97
58) Fluorene	10.42	166	1062626	44.030 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	314525	46.957 ng	99
60) Diethylphthalate	10.29	149	1194102	46.164 ng	100
61) 4-Chlorophenyl-phenylether	10.41	204	517703	44.780 ng	99
62) 4-Nitroaniline	10.44	138	307179	47.267 ng	99
63) Azobenzene	10.57	77	1267034	45.998 ng	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	157639	40.107 ng	93
66) n-Nitrosodiphenylamine	10.53	169	1047714	46.116 ng	100
67) 4-Bromophenyl-phenylether	10.90	248	351291	46.592 ng	99
68) Hexachlorobenzene	10.96	284	395165	46.442 ng	98
69) Atrazine	11.05	200	250891	44.449 ng	99
70) Pentachlorophenol	11.16	266	225696	48.299 ng	99
71) Phenanthrene	11.38	178	1630622	45.194 ng	99
72) Anthracene	11.43	178	1692821	45.465 ng	100
73) Carbazole	11.58	167	1557075	46.342 ng	100
74) Di-n-butylphthalate	11.92	149	1803618	46.509 ng	100
75) Fluoranthene	12.56	202	1755201	45.571 ng	99
77) Benzidine	12.69	184	808295	46.579 ng	100
78) Pyrene	12.79	202	1803404	47.154 ng	99
80) Butylbenzylphthalate	13.41	149	749893	48.482 ng	99
81) Benzo(a)anthracene	13.98	228	1528985	46.171 ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	618440	47.835 ng	99
83) Chrysene	14.02	228	1562024	46.580 ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	957423	46.335 ng	100
85) Di-n-octyl phthalate	14.59	149	1723216	47.255 ng	99
87) Indeno(1,2,3-cd)pyrene	16.89	276	1474156	46.012 ng	100
88) Benzo(b)fluoranthene	15.02	252	1504355	45.741 ng	100
89) Benzo(k)fluoranthene	15.05	252	1511733	50.194 ng	99
90) Benzo(a)pyrene	15.38	252	1351323	48.336 ng	98
91) Dibenzo(a,h)anthracene	16.90	278	1224641	45.918 ng	99
92) Benzo(g,h,i)perylene	17.32	276	1199178	45.742 ng	99

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

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