Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118592.D
Acq On : 20 Jan 2020 15:34
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
1/21/2020 2:26:01 PM

Quant Time: Jan 21 01:50:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	446029	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1655757	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	962019	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	1788121	20.00	ng		0.00
76) Chrysene-d12	14.04	240	1407147	20.00	ng		0.00
87) Perylene-d12	15.52	264	1149147	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1999388	83.25	ng		0.00
7) Phenol-d6	6.50	99	2612661	83.70	ng		0.00
23) Nitrobenzene-d5	7.45	82	2493905	84.25	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	980360	88.11	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	4414539	75.42	ng		0.00
79) Terphenyl-d14	12.99	244	5251654	81.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	476519	40.967	ng		99
3) Pyridine	3.42	79	1332994	40.659	ng		99
4) n-Nitrosodimethylamine	3.36	42	575345	40.934	ng		98
6) Aniline	6.55	93	1706681	41.524	ng		99
8) 2-Chlorophenol	6.67	128	1136493	42.161	ng		99
9) Benzaldehyde	6.43	77	805076	42.410	ng		99
10) Phenol	6.52	94	1490425m	41.899	ng		
11) bis(2-Chloroethyl)ether	6.62	93	1103025	41.794	ng		99
12) 1,3-Dichlorobenzene	6.83	146	1329159	42.128	ng		99
13) 1,4-Dichlorobenzene	6.90	146	1335897	42.180	ng		99
14) 1,2-Dichlorobenzene	7.06	146	1274612	42.812	ng		99
15) Benzyl Alcohol	7.02	79	1046900	42.293	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1550979	42.191	ng		100
17) 2-Methylphenol	7.13	107	943690	42.029	ng		99
18) Hexachloroethane	7.40	117	484802	42.215	ng		94
19) n-Nitroso-di-n-propylamine	7.30	70	901909	42.792	ng		98
20) 3+4-Methylphenols	7.28	107	1187666	43.324	ng	#	83
22) Acetophenone	7.29	105	1657933	42.269	ng		98
24) Nitrobenzene	7.46	77	1274608	42.052	ng		98
25) Isophorone	7.70	82	2228428	41.273	ng		99
26) 2-Nitrophenol	7.78	139	556514	43.055	ng		96
27) 2,4-Dimethylphenol	7.81	122	896198	40.152	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	1454237	41.801	ng		99
29) 2,4-Dichlorophenol	8.02	162	1029638	41.730	ng		99
30) 1,2,4-Trichlorobenzene	8.11	180	1184733	41.411	ng		100
31) Naphthalene	8.19	128	3217488	43.017	ng		99
32) Benzoic acid	7.93	122	728094	43.465	ng		98
33) 4-Chloroaniline	8.23	127	1461709	42.282	ng		97
34) Hexachlorobutadiene	8.31	225	728271	41.801	ng		99
35) Caprolactam	8.60	113	335852	41.594	ng		98
36) 4-Chloro-3-methylphenol	8.71	107	1025642	42.094	ng		97
37) 2-Methylnaphthalene	8.88	142	2269692	42.990	ng		100
38) 1-Methylnaphthalene	8.98	142	2155170	42.968	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1249555	41.512	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	610789	40.218	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	821612	41.133	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	840990	41.225	ng		99
46) 1,1'-Biphenyl	9.35	154	2778108	41.901	ng		99
47) 2-Chloronaphthalene	9.37	162	2323582	41.578	ng		99
48) 2-Nitroaniline	9.46	65	727693	42.360	ng		98
49) Acenaphthylene	9.79	152	3305543	42.045	ng		100
50) Dimethylphthalate	9.65	163	2646735	42.228	ng		100
51) 2,6-Dinitrotoluene	9.70	165	602731	42.945	ng		97
52) Acenaphthene	9.96	154	2234783	42.511	ng		100
53) 3-Nitroaniline	9.87	138	687355	42.889	ng		98
54) 2,4-Dinitrophenol	9.97	184	250664	44.736	ng	#	58
55) Dibenzofuran	10.13	168	3129779	42.961	ng		100
56) 4-Nitrophenol	10.02	139	521649	43.118	ng		97
57) 2,4-Dinitrotoluene	10.10	165	787463	44.507	ng		96
58) Fluorene	10.47	166	2467948	43.152	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	762571	42.500	ng		100
60) Diethylphthalate	10.35	149	2611266	42.970	ng		98
61) 4-Chlorophenyl-phenylether	10.46	204	1339826	43.073	ng		100
62) 4-Nitroaniline	10.48	138	700588	42.618	ng		99
63) Azobenzene	10.62	77	2523832	42.883	ng		97
65) 4,6-Dinitro-2-methylphenol	10.51	198	337649	42.943	ng		97
66) n-Nitrosodiphenylamine	10.58	169	2260969	41.928	ng		100
67) 4-Bromophenyl-phenylether	10.95	248	928350	42.023	ng	#	95
68) Hexachlorobenzene	11.02	284	1058018	42.243	ng		97
69) Atrazine	11.10	200	792480	42.400	ng		99
70) Pentachlorophenol	11.21	266	592329	42.536	ng		99
71) Phenanthrene	11.43	178	3631824	42.100	ng		99
72) Anthracene	11.49	178	3607093	42.257	ng		100
73) Carbazole	11.63	167	3294555	42.078	ng		99
74) Di-n-butylphthalate	11.97	149	3768125	43.318	ng		98
75) Fluoranthene	12.62	202	3878378	42.626	ng		99
77) Benzidine	12.73	184	1693561	45.044	ng		96
78) Pyrene	12.85	202	3889513	40.714	ng		100
80) Butylbenzylphthalate	13.46	149	1662116	42.512	ng		95
81) Benzo(a)anthracene	14.03	228	3483072	41.148	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	1260966	41.806	ng		99
83) Chrysene	14.07	228	3359601	41.412	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	2070865	43.354	ng		100
85) Di-n-octyl phthalate	14.64	149	3092000	43.732	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	2554557	36.240	ng		100
88) Benzo(b)fluoranthene	15.09	252	2973914	41.172	ng		99
89) Benzo(k)fluoranthene	15.12	252	2947031	44.038	ng		99
90) Benzo(a)pyrene	15.45	252	2590865	41.580	ng		99
91) Dibenzo(a,h)anthracene	17.01	278	2126107	38.575	ng		98
92) Benzo(g,h,i)perylene	17.43	276	2024569	37.832	ng		98

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

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